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ABSTRACT

This report describes functions of the University of Maryland (UM) program, Office of Public Service which focuses on developing a special liaison relationship with the private sector in support of the State's expanding initiative in economic development. The Office provides a single point of access for University resources and services in what is a system of eleven institutions and four major research and service components. The Office was established in 1980, and its responsibilities include maintaining the UM public service hotline, producing the biannual UM public service directory, "Toward Closer Ties," and advertising their availability and that of the UM services to which they are linked. In 1988 the Office produced a brochure, "Partners in Progress," describing UM resources for business and industry which was so popular that it was revised and reissued in 1990. The Office responds to inquiries and specific requests for help and information from governmental agencies, organizations, businesses, and private citizens. On a biannual basis the Office plans, develops and coordinates symposia and conferences featuring outreach activities. The report includes job descriptions of the two staff positions in the office, a copy of the brochure, and a copy of the 1988-1989 issue of the directory which lists UM resources under such categories as economic development, society, education, culture, libraries, and health. (JB)

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University of Maryland System
Mary Ann Elliott, Director

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AASCU/ERIC Model Programs Inventory Project

The AASCU/ERIC Model Programs Inventory is a two-year project seeking to establish and test a model system for collecting and disseminating information on model programs at AASCU-member institutions--375 of the public four-year colleges and universities in the United States.

The four objectives of the project are:

- To increase the information on model programs available to all institutions through the ERIC system
- To encourage the use of the ERIC system by AASCU institutions
- To improve AASCU's ability to know about, and share information on, activities at member institutions, and
- To test a model for collaboration with ERIC that other national organizations might adopt.

The AASCU/ERIC Model Programs Inventory Project is funded with a grant from the Fund for the Improvement of Postsecondary Education to the American Association of State Colleges and Universities, in collaboration with the ERIC Clearinghouse on Higher Education at The George Washington University.

ABSTRACT

Office of Public Service
University of Maryland System
3300 Metzerott Road
Adelphi, Maryland 20783
(301) 853-3674
(301) 454-3000 (public service hotline; number to change)

The Office of Public Service was created at the University of Maryland in 1980 with an initial grant from the Eugene and Agnes E. Meyer Foundation. The need was perceived for a single access point for University resources and services in what was then a five-campus land grant university and is now a system of eleven institutions and four major research and service components. In response to the need to streamline liaison, the Office of Public Service established a public service hotline and began to produce a biannual directory of services called Toward Closer Ties. Soon the office developed a special liaison relationship with the private sector in support of the State's expanding initiatives in economic development. A special brochure highlighting University of Maryland System resources for business and industry called "UMS: Your Partner In Progress" is now produced in conjunction with the state department of economic development. Currently proposed for the office is a proactive 'business liaison program' for corporate calls which will serve the entire system.

Introduction

At the time the Office of Public Service at the University of Maryland System was begun, there was no model. In the intervening ten years other institutions have produced directories of services modeled on the University of Maryland System's (University of California at Los Angeles), and brochures modeled on "UMS: Your Partner In Progress" (University of Colorado at Boulder). However, we are not aware of any institution with a liaison office which functions in the same way as the Office of Public Service. Samples of these publications and other publicity pieces are included in this submission.

Background

In response to the perceived need for a single access point for University resources and services in what was then a five-campus land grant university and is now a system of eleven institutions and four major research and service components, former Chancellor John S. Toll sought funding from the Eugene and Agnes E. Meyer Foundation to create an office that would serve as a bridge between the University and the wider community. Two goals were set for the office at that time. One was to initiate a public telephone hotline for information and liaison to University resources; the other was to produce a University of Maryland directory of public services. The office became a permanent part of the University and is currently located in the Chancellor's Offices under the Vice Chancellor for University Relations.

Description

The Office of Public Service was established in 1980 to promote and make accessible information about public services and resources provided by the University of Maryland System. Responsibilities include, but are not limited to, maintaining the UM public service hotline, producing the biennial UM public service directory Toward Closer Ties, and advertising their availability and that of the UM services to which they are linked. For example, in 1988 the Office supported the University goal of service to the state by producing a "Partners in Progress" brochure describing UM resources for business and industry. The piece was so popular that it is was revised and reissued in 1990. The Maryland Department of Economic and Employment Development has provided funding for the cost of printing each time.

The Office of Public Service responds to inquiries and specific requests for help and information from governmental agencies, organizations, businesses, and private citizens. It is a point of liaison for state offices, and a coordination point for visits to UM System outreach and research programs for corporations and international government and private sector representatives.

On a biannual basis the Office of Public Service typically plans, develops and coordinates symposia and conferences featuring UMS outreach activities. These projects are usually sponsored in conjunction with state, local and federal agencies on behalf of the wider community. Examples include: "How To Use University Resources Effectively," "Profitable Partnerships: Resources for Small Business," "Companies and Colleges," "Community Vitality Symposium."

Because of its affiliation with Governmental Relations as well as University Relations within the University of Maryland System, the Office of Public Service provides technical support to each within the public service mission and serves as a liaison between the two.

Proposed for FY 91: A "Business Liaison Program" which will serve the entire University System. Under this program, the Office of Public Service will work with the Director of Corporate Relations to establish a calling program on business and industry in Maryland to bring about better communications, mutual understanding and continuing senior-level relationships so as to identify and explore areas of shared interest with the objective of greater future cooperation.

Staff Assignments

Director: Is responsible for the planning and implementation of the activities of the Office of Public Service. The director's responsibilities include the collection and maintenance of information about services, resources, facilities, and expertise available throughout the University of Maryland System, and the sharing of that information--internally and externally--in both strategic and responsive ways in service to the State of Maryland.

Public Service Assistant: Assists in the coordination of University System public service. The assistant manages records and inventories, assumes responsibility for publication fulfillment and financial reports, and helps broker UM public service resources and information.

Publications

Toward Closer Ties:

Purpose: 1. To provide information about and access to resources, services, facilities, and expertise throughout the UM System/
2. To heighten public awareness of the range of UMS contributions to the State.

Format: 7" x 10" paperback book, perfect bound, text prepared by cost-effective desktop publishing technique, 242 pages plus cover.

Audience: Complimentary to libraries, schools, state and local government; sold to a wide internal UMS market and by mail order to the private sector and wider community.

Quantity: 5,000 in FY 89

Delivery: Bi-annual in the fall

Funding: Budget $5,000/yr. Approximate cost in FY 89 of 1989-90 edition $20,000 offset by book sales.

"UMS: Your Partner In Progress"

Purpose: 1. To provide information about economic development resources and opportunities throughout the UM System.
2. To heighten private sector awareness of UMS as a partner in the economy.

Format: Six-panel four color brochure, folding to 8" x 11 3/4".

Audience: 1. Complimentary to private sector contacts of all UMS units (through internal distribution).
2. Complimentary to all contacts of Maryland Department of Economic and Employment Development in Maryland, U.S. and abroad. Distributed by DEED agents.

Quantity: 20,000 in January 1990; 20,000 in April 1988.

Delivery: Reprinted when supply dwindles.

Funding: Budget $10,000, provided by the Maryland State Department of Economic and Employment at no cost to the University.

P. S.
(Proposed)

Purpose: To heighten awareness of UMS public services, findings on timely issues, and internal and external partnerships.

Format: One-page 8 1/2" x 11" newsletter (self-mailer), WordPerfect-produced text photocopied onto pre-printed stock.

Audience: General Assembly, Congressional delegation, Chancellor's key advocates, alumni leadership and other mostly internal audiences.

Quantity: 5,000 in FY 90

Delivery: Six times a year -- January, February, March, May, September, November.

Funding: $1,660 actual cost to design and print stock.

Conclusions

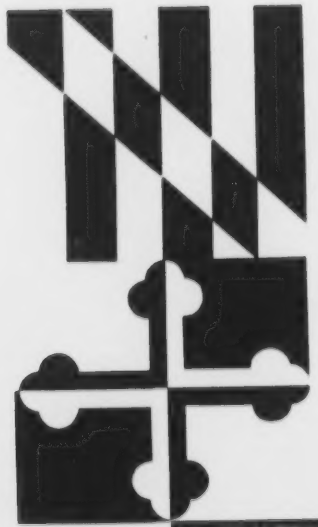
University leadership expected the Office of Public Service to make it easier for the people --government officials, representatives of state agencies, business people, educators, senior citizens, concerned residents of any kind--to find their way to the University resource that they needed. What was not foreseen was how valuable the office would be to insiders--faculty, staff and students of our large University System.

In a larger sense, through the liaison effort of the Office of Public Service the University collects the immeasurable benefit of enhanced state awareness of the breadth and scope of University contributions to the quality of life in Maryland.

The popularity of the directory is an indication of its positive evaluation. The Office has received a great deal of unsolicited praise over the duration of its existence. For example, the directory was cited by the outside public relations firm hired by the University of Maryland At College Park as one element that worked well to elevate perceptions of the University and one that should be used more extensively.

The directory and the brochure are used as presentation pieces to major prospects and to boards of advisors throughout the University System. The directory works well as a guidebook to the University System, especially for new faculty and administrators.

THE UNIVERSITY OF MARYLAND SYSTEM



PROFILE
1988·89

At any time of the day, in more than 23 countries around the world, the University of Maryland System is at work. Students are exploring the worlds of computer science and medieval music. They're learning to care for the old and inspire the young. They're writing plays and reading the law. Faculty members are engaging in world-class scholarship in fields as diverse as physics, art history, economics, and zoology. Medical researchers are fighting AIDS, cancer, and schizophrenia in the lab, while environmental scientists conduct experiments of global significance on all seven continents from the tropics to both poles.

LEADERSHIP

Board of Regents

Mr. Peter F. O'Malley, *Chairman*
Ms. Margaret Alton
Mr. Richard O. Berndt
Mr. Roger R. Blunt
Mr. Benjamin L. Brown
The Hon. Wayne A. Cawley Jr.
Mr. Charles W. Cole Jr.
Mrs. Ilona Modley Hogan
Mrs. Ann R. Hull
Mr. Henry R. Lord
Mr. George V. McGowan
Mr. Thomas J. Owen
Mrs. Constance M. Unseld
Mr. John W.T. Webb
Dr. Albert N. Whiting
Mr. George F. Will

Officers of the University System

Dr. John S. Toll, *Chancellor*
Dr. Patricia S. Florestano, *Vice Chancellor for Governmental Relations*
Dr. Raymond J. Miller, *Vice Chancellor for Agricultural Affairs*
Mr. Donald L. Myers, *Vice Chancellor for General Administration*
Dr. Edgar B. Schick, *Vice Chancellor for Policy and Planning*
Mr. Robert G. Smith, *Vice Chancellor for University Relations*
Dr. David S. Sparks, *Vice Chancellor for Academic Affairs, Graduate Studies and Research*
Dr. Jean E. Spencer, *Deputy Vice Chancellor*

VITAL STATISTICS

Undergraduate students: 107,187

Graduate students: 20,526

Total enrollment: 127,713

Full-time faculty: 4,864

Part-time faculty: 3,314

Total faculty: 8,178

Operating budget for FY88:
$1.05 billion ($444 million appropriated by the state; $420 million from tuition and fees, private gifts, endowment income, and self-support activities; and $180 million from contracts and grants); estimated operating budget for FY89: $1.18 billion

Facilities:
9,400 acres, 90 locations in the state, more than 200 University College locations overseas, 666 buildings, 18 libraries, and some 70 centers and institutes

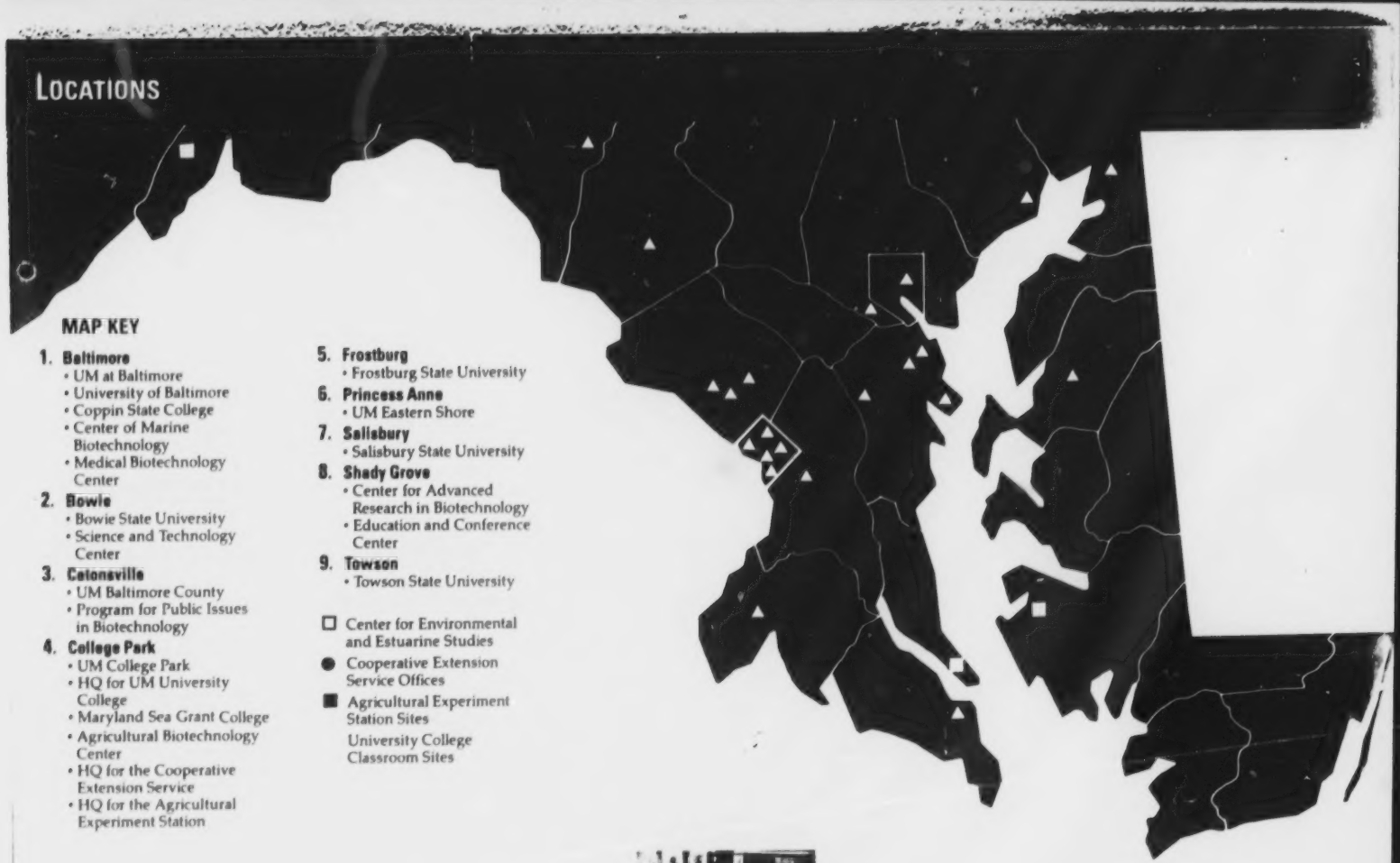
Academic programs:
Nearly 700 leading to 31 different degrees (nine bachelor's, 12 master's, five doctoral, and five professional).

ORIGINS

1807 UM at Baltimore founded

1825

LOCATIONS



MAP KEY

1. **Baltimore**
   - UM at Baltimore
   - University of Baltimore
   - Coppin State College
   - Center of Marine Biotechnology
   - Medical Biotechnology Center
2. **Bowie**
   - Bowie State University
   - Science and Technology Center
3. **Catonsville**
   - UM Baltimore County
   - Program for Public Issues in Biotechnology
4. **College Park**
   - UM College Park
   - HQ for UM University College
   - Maryland Sea Grant College
   - Agricultural Biotechnology Center
   - HQ for the Cooperative Extension Service
   - HQ for the Agricultural Experiment Station
5. **Frostburg**
   - Frostburg State University
6. **Princess Anne**
   - UM Eastern Shore
7. **Salisbury**
   - Salisbury State University
8. **Shady Grove**
   - Center for Advanced Research in Biotechnology
   - Education and Conference Center
9. **Towson**
   - Towson State University

□ Center for Environmental and Estuarine Studies

● Cooperative Extension Service Offices

■ Agricultural Experiment Station Sites

University College Classroom Sites

1850

1856 UM College Park founded

1865 Bowie State University founded

1866 Towson State University founded

1875

1886 UM Eastern Shore founded

1888 Opening of the Agricultural Experiment Station

1900

1900 Coppin State College founded

1898 Frostburg State University founded

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MAJOR COMPONENTS

The University of Maryland System comprises 11 universities and colleges, about 70 centers and institutes, and these four other major components:

Center for Environmental and Estuarine Studies

CEES is a full-time research unit consisting of three laboratories: the Horn Point Environmental Laboratories at Cambridge, the Chesapeake Biological Laboratory at Solomons, and the Appalachian Environmental Laboratory at Frostburg. Research focuses on coastal oceanographic processes, the ecology of the Chesapeake Bay and its watershed, the effects of human activities on natural resources, and the ecology of wildlife and freshwater fish. CEES has 89 full-time faculty members, an operating budget of $96 million, and receives $3.8 million in contract and grant awards. Acting Director: Thomas C. Malone. For more information: (301) 228-9250

Maryland Agricultural Experiment Station

Founded in 1888, MAES is a statewide network that supports the research of 120 scientists based at UM College Park, UM Eastern Shore, CEES, and four off-campus research and education centers at 11 sites. Station scientists work to promote profitability of Maryland farms and to develop technology for new agricultural and biotechnology industries. They provide scientific expertise for environmental and natural resource research and leadership in food and nutrition, human capital development, and community vitality. MAES has an operating budget of $12.5 million and receives $2.4 million in contract and grant awards. Acting Director: Craig S. Oliver. For more information: (301) 454-3707

Maryland Cooperative Extension Service

Founded in 1914, MCES is the statewide, out-of-the-classroom component of the System. Based in every county, faculty are supported by state program specialists at UM College Park, UM Eastern Shore, CEES, and four off-campus centers. Program initiatives are: agricultural profitability, protecting natural resources, improving family nutrition and economic stability, developing human capital, marine and aquaculture industries, and expanding urban benefits of agricultural technology. MCES has 262 full-time faculty, an operating budget of $19.6 million, and receives $1.2 million in contract and grant revenues. Director: Craig S. Oliver. For more information: (301) 454-3621

Maryland Biotechnology Institute

MBI was established in 1984 to bring together the University's substantial expertise in biotechnology. The institute comprises four centers and one program: the Center for Advanced Research in Biotechnology at Shady Grove, the Center of Marine Biotechnology at the Inner Harbor in Baltimore, the Medical Biotechnology Center at UM at Baltimore, the Agricultural Biotechnology Center at UM College Park, and the Program for Public Issues in Biotechnology at UM Baltimore County. MBI has 72 faculty (FTE), an operating budget of $5.2 million, and receives $2.3 million in contract and grant revenues. Director: Rita R. Colwell. For more information: (301) 454-8120

1920 Merger of College Park and Baltimore professional schools

1925

1914 Cooperative Extension Service established

1925 Founding of Salisbury State University and the University of Baltimore

1947 UM University College founded

1950

1963 Board of Trustees of the State Colleges (BTSC) created

1966 UM Baltimore County founded

1973 Center for Environmental and Estuarine Studies established

1975

1977 Sea Grant established

1984 Maryland Biotechnology Institute founded

1988 Creation of the University of Maryland System from merger of UM and BTSC

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In virtually every arena of life, the University System is making Maryland strong. It infuses more than a billion dollars a year into the economy. Its faculties advise government at all levels on everything from law enforcement to refuse collection, from public schools to water quality. It strengthens vital sectors of the economy with programs in such fields as biotechnology, entrepreneurship, hotel/restaurant management, poultry technology, and environmental science. It awards the state's only degrees in pharmacy, dentistry, social work, and community planning. And it trains a majority of Maryland's physicians, nurses, attorneys, jurists, and teachers. In so doing, the University of Maryland System contributes enormously to the economic vitality of the state while preparing those most responsible for promoting the quality of life for all citizens.

Bowie State University

Bowie State began more than 120 years ago as a small school to train black Marylanders for teaching. Today, it is a comprehensive university offering 27 undergraduate majors and 13 graduate programs as diverse as computer science and human resource development. It also houses a unique Adler-Dreikurs Institute offering graduate counseling programs. Located on 250 serene acres, the University is small enough to provide individual attention but large enough to play an important role in regional economic development.

Location: Bowie
President: James E. Lyons Sr.
Founded: 1865
Undergraduate students: 2,144
Graduate students: 930
Full-time faculty: 100
Operating budget: $19 million
Contract and grant revenue: $1.7 million

Coppin State College

Historically black Coppin State is an urban four-year liberal arts college providing academic programs in the arts and sciences, teacher education, nursing, graduate studies, and continuing education. Coppin offers 17 majors and four graduate degree programs. A non-residential institution, the fully accredited campus focuses on the special needs of commuter students from Baltimore's central city. One way Coppin meets these needs is by offering flexibility in course scheduling with convenient day, evening, and weekend classes.

Location: Baltimore
President: Calvin W. Burnett
Founded: 1900
Undergraduate students: 2,132
Graduate students: 350
Full-time faculty: 108
Operating budget: $17.9 million
Contract and grant revenue: $1.2 million

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FROSTBURG STATE UNIVERSITY

Situated in the mountains of Allegany County, Frostburg State is western Maryland's regional university. Created as an institution for teacher education, Frostburg is now a fully accredited four-year university offering 32 majors and seven graduate degree programs. Strength in liberal arts, business administration, computer science, and wildlife and fisheries management attracts students from every Maryland county as well as from numerous other states and nations. A favorable student-faculty ratio encourages close personal attention and counseling.

Location: Frostburg
President: Herb. F. Reinhard
Founded: 1898
Undergraduate students: 3,630
Graduate students: 556
Full-time faculty: 184
Operating budget: $29.4 million
Contract and grant revenue: $621,844

SALISBURY STATE UNIVERSITY

A diverse, growing institution on Maryland's Eastern Shore, Salisbury State offers 30 undergraduate majors. Master's degree programs are offered in English, history, psychology, education, nursing, and business. A rarity among public institutions, Salisbury has two endowed schools: the Franklin P. Perdue School of Business and the Richard A. Henson School of Science and Technology. Salisbury also offers an honors program for its top scholars and individual attention for all students.

Location: Salisbury
President: Thomas E. Bellavance
Founded: 1925
Undergraduate students: 4,484
Graduate students: 476
Full-time faculty: 193
Operating budget: $30.2 million
Contract and grant revenue: $1.51 million

TOWSON STATE UNIVERSITY

Largest in enrollment among Baltimore's institutions of higher education, Towson has twice earned a "top 10" ranking among eastern comprehensive universities in a survey of college presidents conducted by *U.S. News and World Report* magazine. Originally a school for teacher education, Towson now grants bachelor's degrees in 50 fields and master's degrees in 19. Recognized for strength in business, communications, health science, and teacher education, Towson is also home to the Maryland Writing Project, the Maryland Arts Festival, and the nationally acclaimed TSU Jazz Ensemble.

Location: Towson
President: Hoke L. Smith
Founded: 1866
Undergraduate students: 14,384
Graduate students: 1,152
Full-time faculty: 489
Operating budget: $76.8 million
Contract and grant revenue: $302,166

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UNIVERSITY OF BALTIMORE

Maryland's only upper-division institution, the University of Baltimore admits undergraduate students just for their junior and senior years. Located in Baltimore's Mount Royal cultural district, the campus offers graduate and professional programs in such fields as law, business, and public administration. The university is noted for its involvement with the surrounding community through the William Donald Schaefer Center for Public Policy, the Hoffberger Center for Professional Ethics, and the Center for Business and Economic Studies.

Location: Baltimore
President: H. Mebane Turner
Founded: 1925
Undergraduate students: 2,684
Graduate students: 2,324
Full-time faculty: 145
Operating budget: $22.1 million
Contract and grant revenue: $817,668

UNIVERSITY OF MARYLAND AT BALTIMORE

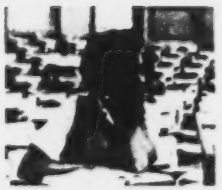
The founding campus of the University of Maryland System, UMAB is internationally recognized for professional and graduate education in medicine, dentistry, nursing, pharmacy, social work, community planning, and law. UMAB conducts its graduate program jointly with the Baltimore County campus. It is home to the University of Maryland Medical System, which includes University Hospital, the world-famous Shock Trauma Center, and the UM Cancer Center.

Location: Baltimore
President: Edward N. Brandt Jr.
Founded: 1807
Undergraduate students: 893
Graduate students: 3,635
Full-time faculty: 966
Operating budget: $197.4 million
Contract and grant revenue: $51.2 million

UNIVERSITY OF MARYLAND BALTIMORE COUNTY

Situated near the juncture of the Baltimore Beltway and Interstate 95, UMBC is ideally located to serve its students while responding to the needs of the corporate world. In addition to offering the arts, humanities, and sciences, UMBC has introduced the nation's first undergraduate major in emergency health services and the first curriculum in genetic engineering. It also offers the state's largest cooperative education program for students who want to alternate school with employment. UMBC conducts its graduate program jointly with UMAB.

Location: Catonsville
President: Michael K. Hooker
Founded: 1966
Undergraduate students: 8,693
Graduate students: 868
Full-time faculty: 367
Operating budget: $61.5 million
Contract and grant revenue: $6.6 million



UNIVERSITY OF MARYLAND COLLEGE PARK

Offering 125 majors for undergraduates and nearly 80 graduate programs, UMCP is the flagship campus of the System. College Park has demonstrated its academic leadership by placing seven of its programs among the top 10 for number of prestigious faculty fellowships awarded in the last five years. At the forefront of research in the high-tech fields of engineering, computer science, and physical science, UMCP is also grounded in the behavioral and social sciences, humanities, and performing arts.

Location: College Park
Acting President: William E. Kirwan
Founded: 1856
Undergraduate students: 29,549
Graduate students: 8,509
Full-time faculty: 1,972
Operating budget: $384.2 million
Contract and grant revenue: $82.1 million

UNIVERSITY OF MARYLAND EASTERN SHORE

A historically black university on the rural Eastern Shore, UMES grants degrees in the arts and sciences, agriculture, and business. True to its land-grant mission, the campus offers a number of programs unique to the region, including construction management, poultry technology, airway science, criminal justice, and hotel and restaurant management. Its first doctorates were awarded in 1986 in marine, estuarine, and environmental science. Graduate programs are available in five fields and pre-professional training is offered in eight.

Location: Princess Anne
President: William P. Hytche
Founded: 1886
Undergraduate students: 1,248
Graduate students: 68
Full-time faculty: 104
Operating budget: $19.4 million
Contract and grant revenue: $5.3 million

UNIVERSITY OF MARYLAND UNIVERSITY COLLEGE

University College extends the resources of the System to adult students throughout the state and around the world. It offers bachelor's, master's, and non-credit professional development programs. Evening and weekend classes meet at UM College Park, UM Baltimore County, and at some 25 other locations in Maryland, the District of Columbia, and Virginia. European and Asian divisions conduct degree programs for U.S. military families at some 250 locations in 22 countries.

Location: HQ at College Park
President: T. Benjamin Massey
Founded: 1947
Undergraduate students: 37,401
Graduate students: 1,734
Non-credit students: 55,865
Full-time faculty: 202; 1,475 part-time
Operating budget: $65.9 million
Contract and grant revenue: $5.9 million

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TOWARD CLOSER TIES

UMS

Public
Service
Directory
1988-1989

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TOWARD CLOSER TIES

THE UNIVERSITY OF
MARYLAND SYSTEM
PUBLIC SERVICE DIRECTORY
1988 – 1989

THE UNIVERSITY OF MARYLAND SYSTEM

The University of Maryland System Office of Public Service is the central access point for liaison to the University's resources by the people, businesses, organizations, and public offices of the state. It was created in October 1980 with a grant from the Eugene and Agnes E. Meyer Foundation and is now a permanent part of University of Maryland System Administration under the Vice Chancellor for University Relations. This is the fourth edition of TOWARD CLOSER TIES. The directory is updated every two years.

Project Coordinator and Editor: Mary Ann Elliott, Office of Public Service

Administrative Assistance: Kathy Andrew, Office of Public Service

Interior Design: Judith Bair, Director of Creative Services, UMCP

Cover Design: Janet Friskey & Associates, Inc., 1988

Photographs and UM System Maps: From the University System collection

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Printing: Port City Press, Baltimore, Maryland

Special acknowledgement and thanks to Vice Chancellors Patricia S. Florestano and Robert G. Smith for their key support from the beginning, and to the directors and staffs of the institutional advancement offices throughout the UM System for their help with the practical necessities of collection and publication of information.

TOWARD CLOSER TIES

DEDICATION

This directory is dedicated to three leaders whose vision will take the University of Maryland System to new levels of quality. The people of Maryland and of the new University System particularly appreciate the commitment to public service reflected in the leadership of:

William Donald Schaefer, Governor
State of Maryland

Peter O'Malley, Chair of the Board of Regents
University of Maryland System

John S. Toll, Chancellor
University of Maryland System

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FOREWORD

Leading the way. As this fourth edition of *Toward Closer Ties* goes to press, we are struck by this comment from a national task force on higher education and the public interest:

> "Critics within the Academy and elsewhere worry that institutions of higher learning are not sufficiently involved in helping meet the enormous challenges facing the nation. They point to such issues as assisting public schools in upgrading their programs, educating underprepared students to qualify them for the workforce, and building stronger research partnerships with business and government to help sustain the nation's competitive edge."

Maryland is anything but indifferent to the challenges of modern life and the needs of the State and the nation. *Toward Closer Ties* lists a wide range of services and resources that provide strong proof that the UM System is leading the way.

"Toward closer ties." First used by Chancellor John S. Toll ten years ago, the phrase "toward closer ties" described the direction the University of Maryland System would move in its relations with the citizens and agencies of the state. It is a concept that has led to productive partnerships with business and industry in Maryland. As IBM Vice President Gerald Ebher remarked:

> "The University is no longer bounded by its ivy covered walls. And industry is no longer bounded by its plant sites. There is an emerging natural interdependence between the two."

The first chapter of this edition of *Toward Closer Ties* showcases current resources available to private enterprise. Eight more chapters follow with services to other important constituencies.

The wonderful problem of too much. When it came to collecting information about UM System public services, we knew from the first that we had a pleasant problem. First of all, this year we are a new, larger entity. (Details in "Getting to Know Us.") Furthermore, in the life of a great research University there is something new every day, and it is literally impossible to capture it all in any snapshot. We did our best. Even as we go out the door to the printer we are hurrying to make important last minute additions and changes. If you find something out of focus, something missing, please tell us about it. We'll repair it next time.

How the directory works. Faced with organizing a monumental amount of information across a large University System, we chose to classify it according to key subject rather than by campus or component. Browse through the table of contents for an outline of where to find the resources of special interest to you.

Index. To pinpoint exact help, please turn to the extensive index in the back of the book. Although entries are arranged alphabetically by name in the chapters, there are easy reference clues in the index. Simply look for what you want: summer camps, for example, or computer aided design.

Sources. Directory entries are based primarily on responses to a special questionnaire and are not intended to be a complete inventory of the University System's resources.

Funding. The funding source of programs is not cited; it may be University, state, federal or private. Many activities performed as public services are also learning experiences for students (e.g., law clinics) or become real-life teaching tools for faculty and are, therefore, mutually beneficial to the University and the state.

Hours, fees. If not specifically listed, hours of operation for any activity are the same as University hours: Monday through Friday, 8:30am to 4:30pm. All fees and times reflect the 1988 schedule and are subject to change; please call the information number given for confirmation. Descriptions of activities whose primary purpose is teaching include the term *academic unit.*

How to find an expert. Past editions of this directory contained "Expertise" sections which gave examples of faculty research interests and specializations. This year, for reasons of space and equity, we are simply asking you to assume we are one of the best sources of expertise available anywhere—and if we don't have precisely what you need, we'll even help point you to the right resource no matter where it is. All you need to make is one phone call to find expertise. And that number is...

454-3000, the hotline to the University of Maryland System. When you call 454-3000 you will reach our Office of Public Service, ready to help you tap the rich resources of the UM System. Your questions about University System capabilities and matching interests are always welcome. We look forward to hearing from you.

Mary Ann Elliott
Editor
Office of Public Service

Fall 1988

GETTING TO KNOW US

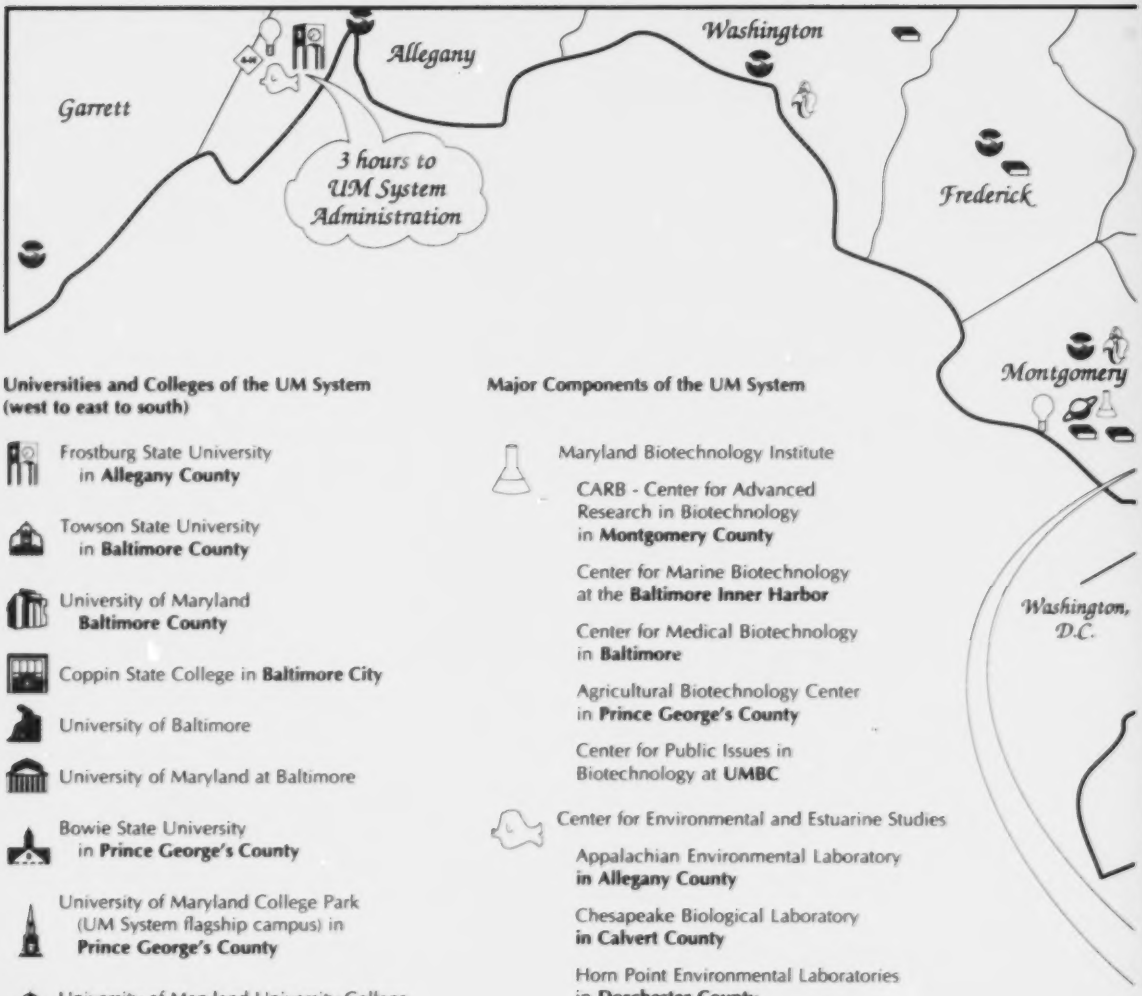
This year, 1988, marks a new and exciting moment in history for public higher education in Maryland—for this year our collective name becomes the University of Maryland System. We become a new, larger fleet of colleges and universities of which the College Park campus is flagship. In significant new ways the University of Maryland System is an educational asset that serves the state and extends learning and culture to others around the world.

In Maryland as of July 1, 1988, there are eleven separate campuses that are all members of the University of Maryland System. There are also four large research and educational arms in the University System which are sited in various ways around the state. These are the Cooperative Extension Service, the Agricultural Experiment Station, the Center for Environmental and Estuarine Studies, and the new Maryland Biotechnology Institute. All of these parts have a coordinating head: The University of Maryland System Administration.

Although differing in history, geography and particular role, each part of the University assumes the threefold mission of all land grant institutions: to teach, to research, and to perform public service. Logically, these three overlap. In fact, teaching and research are themselves unique forms of public service. This directory is your guide, listing some of the ways the University System serves you, the people of Maryland.

First you will meet System Administration and the eleven member institutions, with a warm invitation to come visit them at any time. Note that each campus maintains its own name and identity. The new University of Maryland System seal on the cover is used exclusively by the Chancellor and the offices of System Administration. The seal was created from the BTSUC mark and the UM seal after the joining of the six campuses governed by the Board of Trustees of State Universities and Colleges with the campuses and major components of the former University of Maryland. The single date—1807—signifies the founding of our earliest member institution, the University of Maryland at Baltimore.

Now, turn this page for a view of UM System resources across the state...and beyond.



Universities and Colleges of the UM System (west to east to south)

- Frostburg State University in **Allegany County**
- Towson State University in **Baltimore County**
- University of Maryland **Baltimore County**
- Coppin State College in **Baltimore City**
- University of Baltimore
- University of Maryland at Baltimore
- Bowie State University in **Prince George's County**
- University of Maryland College Park (UM System flagship campus) in **Prince George's County**
- University of Maryland University College (headquarters at **College Park**)
- Salisbury State University in **Wicomico County**
- University of Maryland Eastern Shore in **Somerset County**

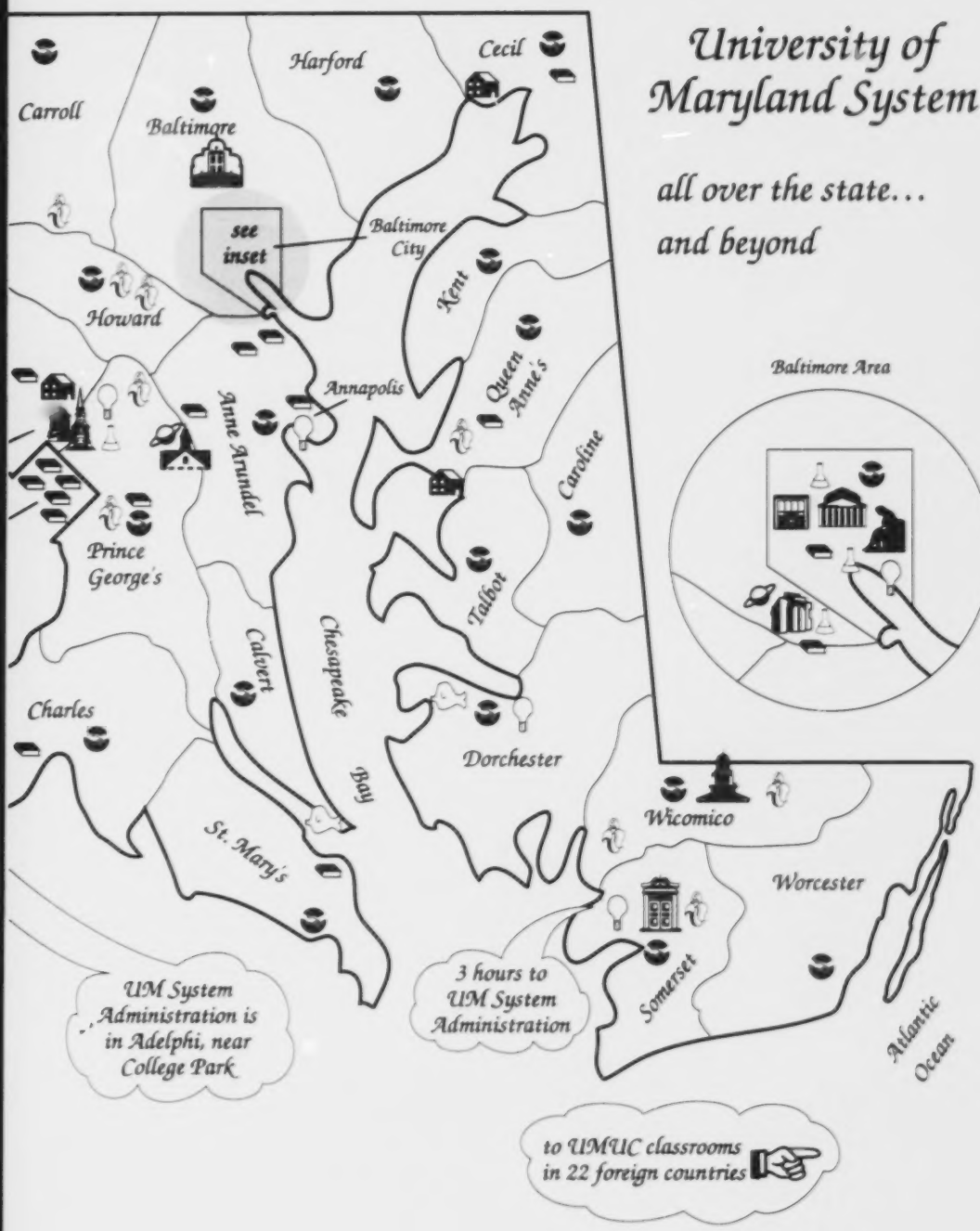
For a close-up look, see campus maps on following pages.

Major Components of the UM System

- Maryland Biotechnology Institute
  - CARB - Center for Advanced Research in Biotechnology in **Montgomery County**
  - Center for Marine Biotechnology at the **Baltimore Inner Harbor**
  - Center for Medical Biotechnology in **Baltimore**
  - Agricultural Biotechnology Center in **Prince George's County**
  - Center for Public Issues in Biotechnology at **UMBC**
- Center for Environmental and Estuarine Studies
  - Appalachian Environmental Laboratory **in Allegany County**
  - Chesapeake Biological Laboratory **in Calvert County**
  - Horn Point Environmental Laboratories in **Dorchester County**
- Maryland Cooperative Extension Service: UM Outreach offices in all 23 Maryland counties and the City of Baltimore
- Maryland Agricultural Experiment Station: 11 research farms and educational sites

More Maryland Ties

- Research Parks, state-of-the-art:
  - Maryland Science and Technology Center 466 acres in **Prince George's County**
  - Shady Grove Academic Center 50 acres in **Montgomery County**
  - UMBC Science Center 80 acres in **Baltimore County**
- Technology Extension Service Regional Offices
- Major Conference Sites
  - Donaldson Brown Center in **Cecil County**
  - Wye Plantation in **Queen Anne's County**
  - Center of Adult Education in **Prince George's County**
- UM University Collge classrooms
- 4-H Center in **Allegany County**



Please turn page for list of our UM System's stimulating neighbors.

Some neighbors who enrich our UM system...

World-wise: National and International

World Bank
Brookings Institution
National Science Foundation
Organization of American States
Carnegie Endowment for International Peace
Woodrow Wilson International Center for Scholars
Heritage Foundation
Common Cause
Urban Institute
American Enterprise Institute
National Academy of Sciences
Embassies of all nations

Studious: Other colleges and universities

American University
Catholic University
Gallaudet University
Georgetown University
Howard University
Peabody Conservatory of Music
The Johns Hopkins University
U.S. Naval Academy

Theatrical: Performing Arts

John F. Kennedy Center for the Performing Arts
National Theatre
American Film Institute
Arena Stage
Wolf Trap Center for the Performing Arts
Merriweather Post Pavilion
Meyerhoff Symphony Hall
Lyric Theater
Mechanic Theatre
The Shakespeare Theater at the Folger

Knowing: Libraries

Library of Congress
National Archives
Folger Shakespeare Library
National Library of Medicine
National Agricultural Library

Federal: U.S. Agencies

National Aeronautics and Space Administration
National Institutes of Health
National Institute of Standards and Technology
National Security Agency
National Endowment for the Humanities
National Endowment for the Arts
Naval Observatory
Environmental Protection Agency
Federal Housing Administration
Bureau of the Census
National Weather Service
National Oceanic and Atmospheric Administration
National Environmental Satellite and Data Administration Service
USDA Beltsville Agricultural Research Center
Naval Research Laboratory

Arty: Galleries and Museums

Smithsonian Institution
- Arthur M. Sackler Gallery
- Art & Industries
- Freer Gallery of Art
- Hirshhorn Museum and Sculpture Garden
- National Museum of African Art
- National Air and Space Museum
- National Gallery of Art
- National Museum of American Art
- National Museum of American History
- National Museum of Natural History
- National Portrait Gallery
- Renwick Gallery
- National Zoological Park
- Textile Museum

Baltimore Museum of Art
Corcoran Gallery
National Geographic Society, Explorers Hall
Phillips Collection
Walters Art Gallery

The University of Maryland System Administration, UMSA. You will find System Administration, the nerve center of the University System, in a woods just off Metzerott Road in Adelphi (near both the College Park Campus and University College) in the Wilson H. Elkins Building. Named for an honored past University President of twenty-five years, the award winning structure with its curving face of white bricks stands alone. Today the head of the System is called Chancellor rather than President, and here in the Elkins Building is the office of University System Chancellor John S. Toll. From here policy is made and disseminated, and all campuses and research centers are coordinated.

Chancellor of The University of Maryland System: Dr. John S. Toll

Mailing Address:
Wilson H. Elkins Bldg.
University of Maryland System Administration
3300 Metzerott Road
Adelphi, Maryland 20783

SYSTEM TELEPHONE INFO

Elkins Building	(301) 853-3600
Public Service	(301) 853-3674 or 454-3000 (24 hours)

Bowie State University (BSU). Bowie State began more than 123 years ago as a small school to train black Marylanders for teaching. Today, it is a comprehensive university offering 28 undergraduate majors and 13 graduate programs as diverse as computer science and human resource development. It also houses a unique Adler-Dreikurs Institute offering graduate counseling programs. The University, located on 250 serene acres in northern Prince George's County, is small enough to provide individual attention to students but large enough to play an important role in regional economic development.

President of BSU: Dr. James E. Lyons, Sr.

Mailing address:
Bowie State University
14000 Jericho Park Road
Bowie, Maryland 20715

Park your car: Parking is no problem. Stop by Robinson Hall (Public Safety Department) to pick up a visitors pass and campus map.

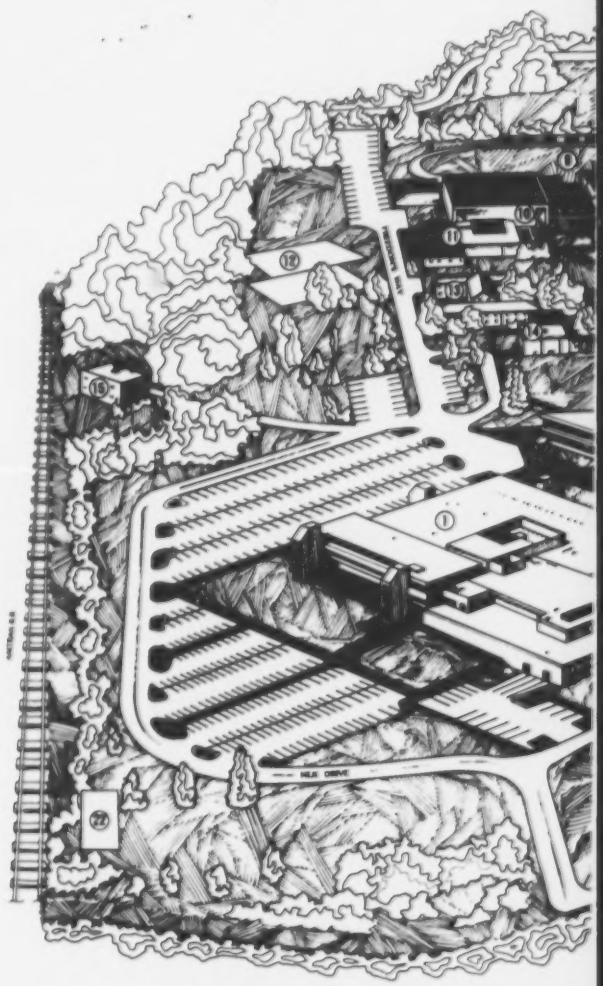
Bus ride: The University is centrally located...the campus is serviced by the Washington Metropolitan Area Transit Authority—METRO T12, 14, via the New Carrollton Metro Station (orange line).

Let's eat: The campus cafeteria, snack bar, and the Gold Room (faculty eatery) are located in the Wiseman University Center. Vending machines can be found in most campus buildings.

Books: Follett Books, Inc. (Wiseman University Center).

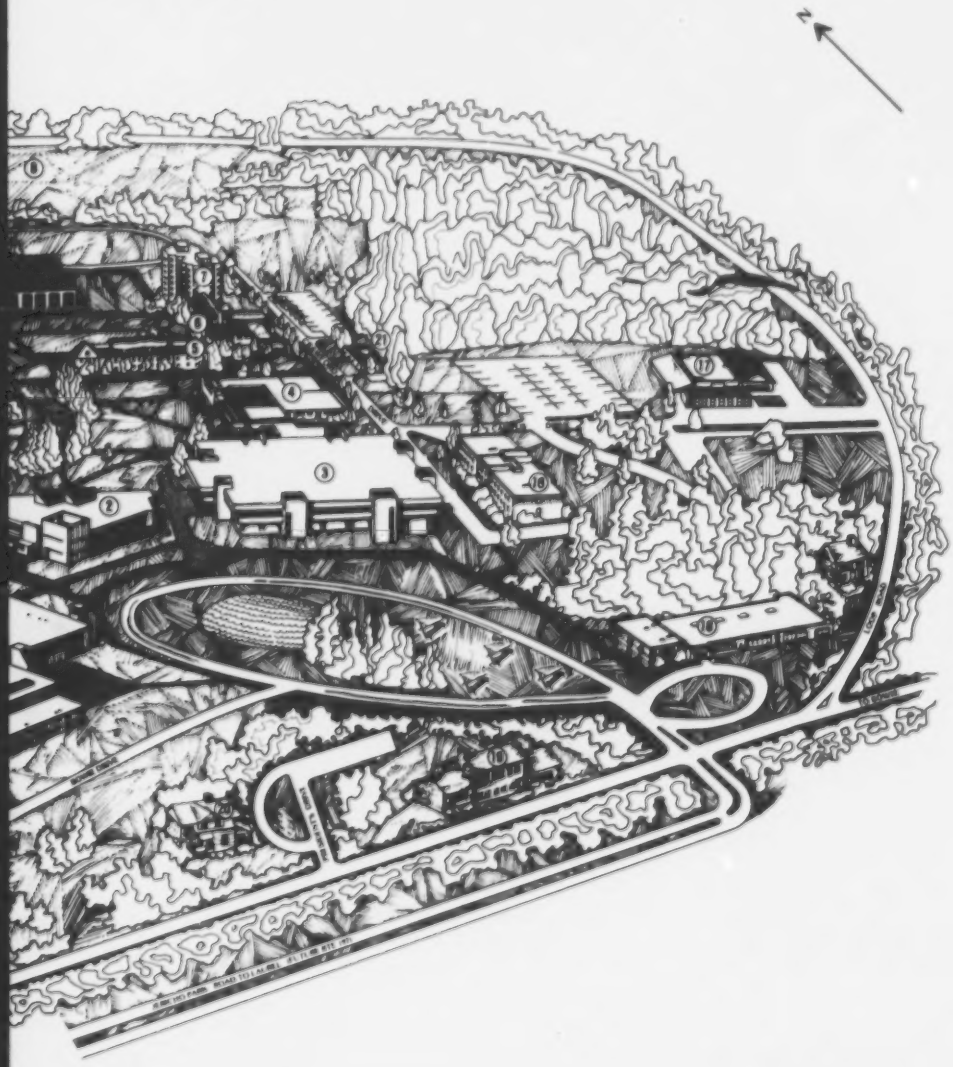
TELEPHONE INFO

University Operator	464-3000
Office of the President	464-6500
Admissions, Records and Registration	464-6570
Public Safety	464-7160



Bowie State University Campus Map

1. Martin Luther King Jr. Communication Arts Center
2. William Henry Administration Building
3. Thurgood Marshall Library
4. Wiseman College Center
5. Lucretia Kennard Hall
6. Dwight Holmes Hall
7. The Towers Residence Hall
8. Athletic Fields
9. Football Field and Track
10. Leonidas James Physical Education Complex
11. Theodore McKeldin Gymnasium (Home of NBA Washington Bullets)
12. Tennis Courts
13. Harriet Tubman Hall
14. Benjamin Banneker Hall
15. Central Heating Plant
16. George Crawford Science Building
17. Maintenance Building
18. Charlotte Robinson Hall (Public Safety)
19. Staff House I
20. President's Residence
21. Infirmary
22. Future Site of MARC (Maryland Rail Commuter Station)
23. Staff House II



Coppin State College. In 1900 a new training program for black elementary school teachers began at Baltimore's Douglass High School on Pennsylvania Avenue. It quickly expanded to a become a Normal Department, and finally—as an entirely separate entity—was named in 1926 the Fannie Jackson Coppin Normal School in honor of an outstanding black woman pioneer in teacher education. In the 1950's Coppin was renamed Coppin State Teachers College and moved to the 38-acre site on West North Avenue where you will find it today. The 1960's saw its name shortened to Coppin State College and the first Bachelor of Arts degree conferred. Coppin prides itself on its unique charge to focus on the needs, problems, and aspirations of the people of central Baltimore. Coppin is just two blocks from Metro Plaza and the Mondawmin subway station.

President of Coppin State College: Dr. Calvin W. Burnett

Mailing Address:
2500 W. North Avenue
Baltimore, MD 21216

Park your car: Please park in a visitor's space in Lot E, located on Warwick Avenue. All other lots are reserved from 7am to 5pm, M-F.

Ride the bus: Convenient bus service to Coppin is available on city buses. Take No. 91, 13, or 22. Call the Baltimore MTA for schedule information.

Let's eat: Coppin dishes up delicious soup and sandwiches in the campus cafeteria on the second floor of the Tawes College Center. Open only 10am to 1:30pm, M-F. Vending machines are located in the following buildings: Administration, Tawes, Office-Classroom.

On nice days join the students on the central promenade around the fountain.

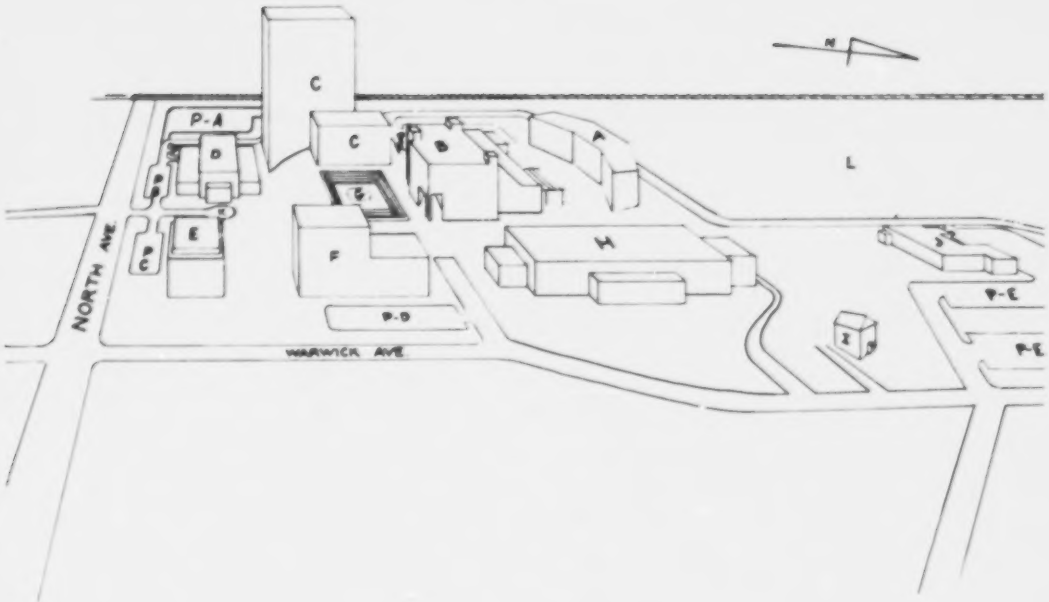
Books, souvenirs: The Campus Bookstore on the first floor of the Tawes College Center offers textbooks, supplies, and campus mementos.

Stay longer: Enrollments are welcomed for day (Admissions), weekend or evening classes (Continuing Education). Drop by Admissions on the first floor of the Miles Washington Connor Administration Building, or Continuing Education on the fourth floor of the Office-Classroom Building.

Information: The Public Relations Office is located on the third floor of the Miles Washington Connor Administration Building and is open until 5pm.

TELEPHONE INFO

Admissions	333-5990/91
Alumni Programs	333-7353/54
Business Office	333-5900
Continuing Education	333-7840
Public Relations	333-7427
Registrar	333-7842



Coppin State College Campus Map

A. Miles Washington Connor Administration Building
B. J. Millard Tawes College Center
C. Grace Hill Jacobs Office-Classroom Building
D. James Weldon Johnson Auditorium
E. Percy Julian Science Building
F. Parlett Longworth Moore Library
G. Concert Court
H. Thomas Pullen Gymnasium
I. President's Residence
J. Frances L. Murphy Research Center
K. Louise Fountain Perrin Promenade
L. Soccer Field
M. Parking Lots (PA through PF)

Frostburg State University. Frostburg, founded in 1898, opened its doors as Maryland Normal School #2 in 1902, later became Frostburg State Teacher's College, and eventually acquired university status in 1987. Included in its current mission is the responsibility to serve the cultural and economic development needs of Western Maryland.

Located on the far western edge of Allegany County just before it joins Garrett County, Frostburg offers all the enticements of rural mountain life (elevation 2,200)—its peace, natural beauty and fresh environment—along with a handsomely laid out and maintained college campus which includes 13 classroom buildings, 11 residence halls, a library with 900 study carrels, and a physical education center with a 3,400 seat arena.

Near Frostburg are recreational areas such as Rocky Gap, New Germany, and Deep Creek Lake State Parks. Frostburg is a focal point for community intellectual life with continuing education programs and a wide range of social, cultural, recreational and public affairs activities.

Frostburg's beautiful campus in the mountains seemed to be the discovery of the year in 1987 when it's 12.6% increase in enrollment topped all other four-year institutions of higher learning in Maryland. Also in 1987 Frostburg initiated a new School of Business and a new School of Education, which joined the existing Schools of Natural and Social Sciences, of Arts and Humanities, and of Graduate Studies.

Frostburg is 150 miles west of both Washington and Baltimore. To get there simply follow U.S. Routes 40 and 48 to Exit 33.

President: Dr. Herb. F. Reinhard

Frostburg State University Campus Map

1. Physical Education Center
2. Hitchens Administration Building
3. Pullen Hall
4. Alumni House
5. Gray Residence Hall
6. Diehl Residence Hall
7. Brady Health Center
8. Allen Residence Hall
9. Sowers Residence Hall
10. Nelson P. Guild Human Resources Center
11. Old Main
12. Frost Residence Hall
13. Lowndes Hall
14. Gunter Hall (A.E.L.)
15. Simpson Residence Hall
16. Compton Hall and Auditorium
17. Tawes Science Hall and Planetarium
18. Lane College Center
19. The Library
20. Fine Arts Building
21. Dunkle Hall
22. Framptom Hall
23. Security/Information
24. Annapolis Residence Hall
25. Cumberland Residence Hall
26. Frederick Residence Hall
27. Westminster Residence Hall
28. Cambridge Residence Hall
29. Chesapeake Dining Hall
30. Prospect V-III Monument to Mining
31. Stangle Service Building

Mailing Address:
Frostburg State University
Frostburg, Maryland 21532

Park your car: Visitors' parking conveniently located in Lot U just off the oval as you drive in the main entrance.

Let's eat: The campus restaurant "The Greenhouse" serves breakfast and lunch in the Lane Center close by the famous clock tower. Other choices: vending machine fare or a short stroll into town.

Books, souvenirs: Head for the Book Store in Lane Center for textbooks and school supplies; university sweatshirts, mugs, stationery, and other rah-rah items; plus shampoo, toothpaste, and other assorted drug store-like sundries.

Stay longer: Enrollments are encouraged. Admissions is in the Hitchins Administration Building on the main entrance oval.

Information: Visit University Relations in The Alumni House on Midlothian Road.

TELEPHONE INFO

University Operator	689-4000
Admissions	689-4201
Alumni Affairs	689-4161
Public Information	689-4161
Public Service	454-3000

Salisbury State University (SSU). The campus, forty buildings on 105 acres, is located in the center of Salisbury, the historic Eastern Shore's largest municipality. The Eastern Shore of Maryland has a character of its own, derived primarily from the bounty of nature. Salisbury rests in a unique geographic location between the Chesapeake Bay and the Atlantic Ocean and is the economic and cultural center of the Lower Delmarva peninsula, which encompasses Delaware, the Eastern Shore of Maryland, and Virginia. Located in Wicomico County, the City of Salisbury has a metropolitan population in excess of 60,000.

The University, founded in 1925, has over 5,000 students enrolled in 30 undergraduate and six graduate programs. Two of its five schools, The Franklin P. Perdue School of Business and the Richard A. Henson School of Science and Technology, were recently endowed with multimillion dollar gifts.

To get to SSU from Baltimore or Washington, simply take Route 50 toward Ocean City. In two hours you'll be in Salisbury, where you'll take Route 13 south for about two miles. Coming from Wilmington, Delaware, just take Route 13 south—again a two-hour drive.

President: Dr. Thomas E. Bellavance

Mailing Address:
Salisbury State University
1101 Camden Avenue
Salisbury, MD 21801

Park your car: Drive into any parking lot. From 8am to 4pm on Monday through Friday, student security personnel will direct you to visitors' parking spaces. At other times, park anywhere.

Let's eat: The newly opened University Center's snack bar, the Gull's Nest, offers a wide array of appetizing choices for breakfast, lunch and dinner. Numerous fine restaurants and fast food establishments surround the campus.

Books, souvenirs: The Book Rack in the University Center.

Stay longer: Enrollments are encouraged. Admissions is on the first floor of Holloway Hall, the building with the bell tower.

TELEPHONE INFO

University Operator	543-6000
Admissions	1-800-492-1175
Public Relations	543-6030

Salisbury State University
Campus Map

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Towson State University (TSU). Towson State University was founded in Baltimore in 1866 to train teachers for the state's public school system. In the 122 years since its inception as a state normal school, TSU has become Maryland's second largest university, with more than 15,000 students, a beautiful 326 acre campus in suburban Baltimore, and a satellite campus in Columbia, Maryland.

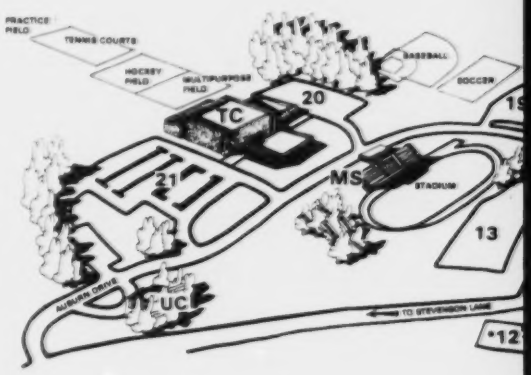
Although producing qualified teachers was Towson State's primary focus for many years, the University now provides undergraduates 40 degree programs in 32 academic departments, ranging from accounting to theatre arts. In fact, for the past several years, the bachelor's degree in business administration has been the most popular choice among TSU students. Towson State also takes particular pride in its commitment to teaching, as evidenced by a student-faculty ratio of 17-1.

President of Towson State University: Dr. Hoke L. Smith

Mailing Address:
Towson State University
Administration Building
Towson, Maryland 21204-7097

Administration Building. Dr. Hoke L. Smith, TSU's 11th president, maintains an office in this distinctive three-story structure on the campus' northern boundary. The Administration Building is also headquarters for the University's offices of Business and Finance, Institutional Advancement and Student Services.

The Campus. Towson State University's beautifully landscaped campus features an impressive combination of traditional and modern architecture, more than 34 buildings in all. Stephens Hall, now undergoing extensive renovation, dates from 1915 and is the University's oldest academic building. Its clock tower is a campus landmark remembered fondly by generations of TSU alumni. Other notable facilities include the Cook Library, The Fine Arts Center, the University Union, and the Towson Center.



Park your car: Parking meters are located near most campus buildings for the convenience of visitors.

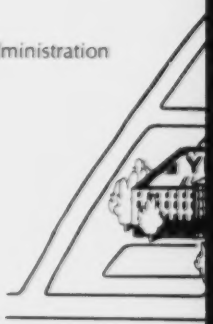
Let's eat: The University Union provides a variety of dining choices. You'll find the Loch Raven Room on the first floor offering fast food and snacks. On the second floor the Susquehanna Room and the Patuxent Room serve cafeteria-style lunches. The Ice Cream Parlor in Hawkins Hall offers sandwiches, ice cream and yogurt. The University Union East's snack bar, in Newell Hall, features pizza, subs and other goodies on weekday evenings.

Books, souvenirs; The University Store is located on the first floor of the University Union.

Stay longer: Applications welcomed. The Office of Admissions is on the first floor of the Administration Building.

TELEPHONE INFO

Administration	321-2356
Admissions	321-2112 (Undergraduate)
	321-2501 (Graduate)
Alumni Services	321-2234
Public Information	321-2230



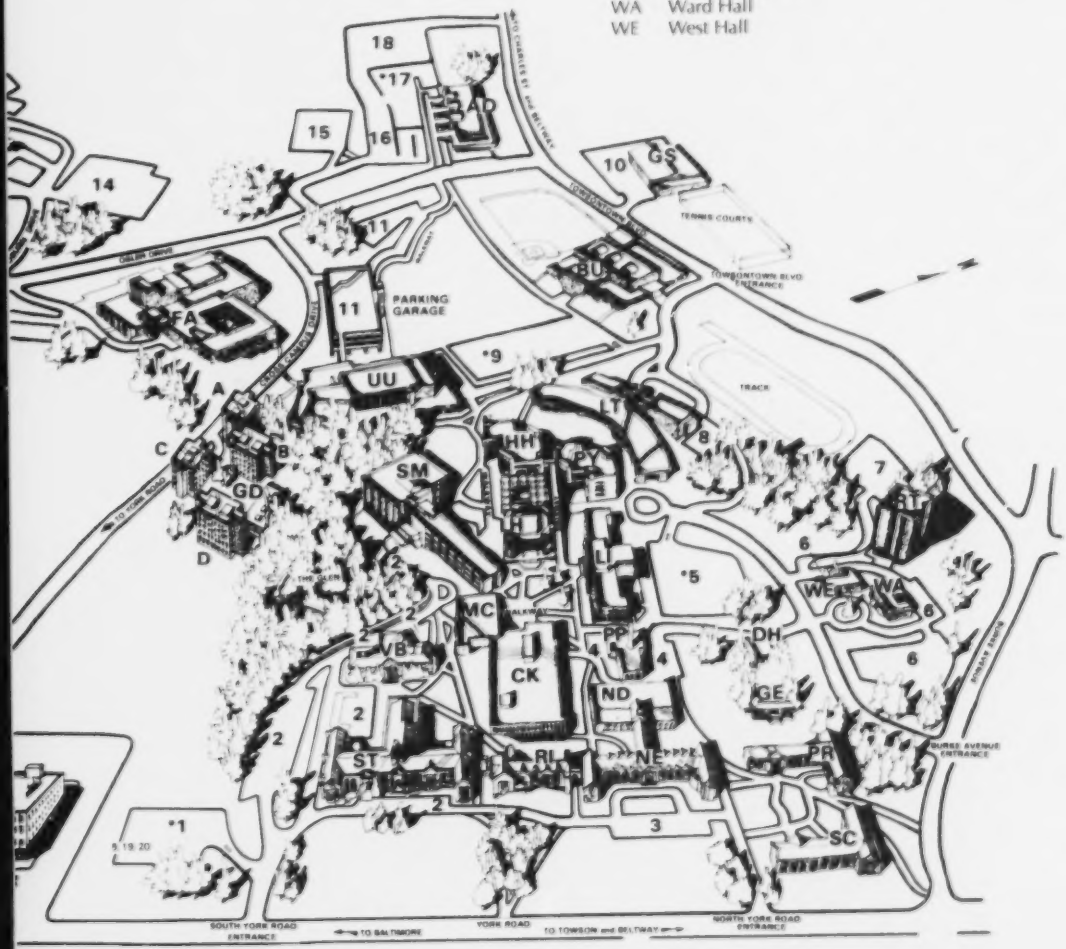
Towson State University Campus Map

ACADEMIC & ADMINISTRATIVE BUILDINGS

AD Administration Building
BU Burdick Hall
CK Cook Library
DH Dowell Hall
FA Fine Arts Center
GS General Services
GE Glen Esk
HH Hawkins Hall
LH Lecture Hall
LT Lida Lee Tall Learning Resources Center
LI Linthicum Hall
MC Media Center
MS Minnegan Stadium
PP Power Plant
PY Psychology Building
SM Smith Hall
ST Stephens Hall
TC Towson Center
UC The University Club
VB Van Bokkelen Hall
YR 7800 York Road

RESIDENCE BUILDINGS

A Glen Complex (A Building)
B Glen Complex (B Building)
C Glen Complex (C Building)
D Glen Complex (D Building)
GD Glen Dining Hall
NE Newell Hall
ND Newell Dining Hall
PR Prettyman Hall
RT Residence Tower
RI Richmond Hall
SC Scarborough Hall
WA Ward Hall
WE West Hall



University of Baltimore. Founded in 1925 as a private institution, the University of Baltimore became a state-sponsored institution of higher education in 1975. The University of Baltimore is an upper division (junior-senior), graduate and professional institution with three divisions: the Robert G. Merrick School of Business, the Yale Gordon College of Liberal Arts, and the School of Law. Enrollment in the three divisions is approximately 5,000.

The campus is located in the heart of Mt. Royal Center, an area of cultural, educational and civic organizations in mid-town Baltimore.

President of University of Baltimore: Dr. H. Mebane Turner

Mailing Address:
University of Baltimore
1420 North Charles Street
Baltimore, Maryland 21201

Park your car: The University provides convenient parking for students, faculty, staff and visitors on a 100-car lot located directly across from the entrance at Charles Street and Mt. Royal Avenue and on a 700-car lot at Oliver Street near Mt. Royal.

Bus ride: We're one block from the intercity rail station and a five-minute walk from the Howard Street subway station. The city's major bus routes provide convenient transportation to campus. For MTA bus information, call 333-2700.

Let's eat: Visit Poe's Publick House, the University's new attractively designed dining/conference complex located on the ground floor of the Law Center. The cafeteria is open weekdays for breakfast, lunch and dinner. The three conference rooms can accommodate groups as large as 150 for seminars and workshops and up to 100 for a reception or a buffet luncheon. The Raven's Roost, the student rathskeller, serves beer, wine and snacks Monday through Thursday evenings.

Books, souvenirs: University of Baltimore students use Follett's Bookstore located in the Academic Center on Charles Street.

Information: Stop in the Admissions Office in Charles Hall (the main building on Charles Street) for program brochures, catalogs and class schedules. Or drop by the Public Relations Department at 1304 St. Paul Street for other University information and publications.

TELEPHONE INFO

University Operator	625-3000
Admissions	625-3350
Alumni Services	333-2726
Public Relations	333-2910
Public Safety	625-3228

University of Baltimore
Campus Map

1. Educational Foundation Building, 1309 St. Paul St.
2. Southwest Parking Lot
3. 19 West Mount Royal Avenue
4. Special Events Parking - 30 Spaces
5. The Lyric Theatre
6. Langsdale Library
7. Bolton Yard Parking Lot
8. The Law Center
9. Peggy and Yale Gordon Plaza
10. Academic Center
11. Charles Hall
12. Charles Hall Annex
13. Northwest Corner Parking Lot

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University of Maryland at Baltimore, UMAB. One of the country's first centers for professional education, the University of Maryland at Baltimore is the birthplace of the 11-campus University of Maryland System (1807). With six professional schools (including the first college of dentistry in the world), a graduate school and major medical center, UMAB is a primary force in shaping health care, legal and social services for the region. UMAB is known world-wide for its 800-bed hospital, national cancer center and the Maryland Institute for Emergency Medical Services (MIEMSS)-the shock trauma center. These last three working medical units have had separate governance since July 1984.

UMAB has educated more of the attorneys and jurists, physicians and nurses, pharmacists, dentists, social workers and community planners now practicing in Maryland than any other single institution.

With 8,000 faculty and staff members, UMAB is one of Baltimore's largest employers. Only 25% of its $400 million annual budget comes from state funds, yet in 1987 the campus contributed nearly $1 billion to the state's economy.

You will find the 32-acre UMAB campus in the heart of downtown Baltimore.

President of UMAB: Edward N. Brandt, Jr., M.D., Ph.D.

Mailing Address:
University of Maryland at Baltimore
520 W. Lombard Street
Baltimore, Maryland 21201

Park your car: There are public parking lots throughout the area including UMAB's visitors garage which is across the street from the UM Medical System, 22 South Greene Street.

Bus ride: For transportation to the UMAB campus, call Mass Transit Administration, 539-5000. For Greyhound and other bus information or to receive a copy of "This is UMAB," please call UMAB's Office of Institutional Advancement, 328-7820.

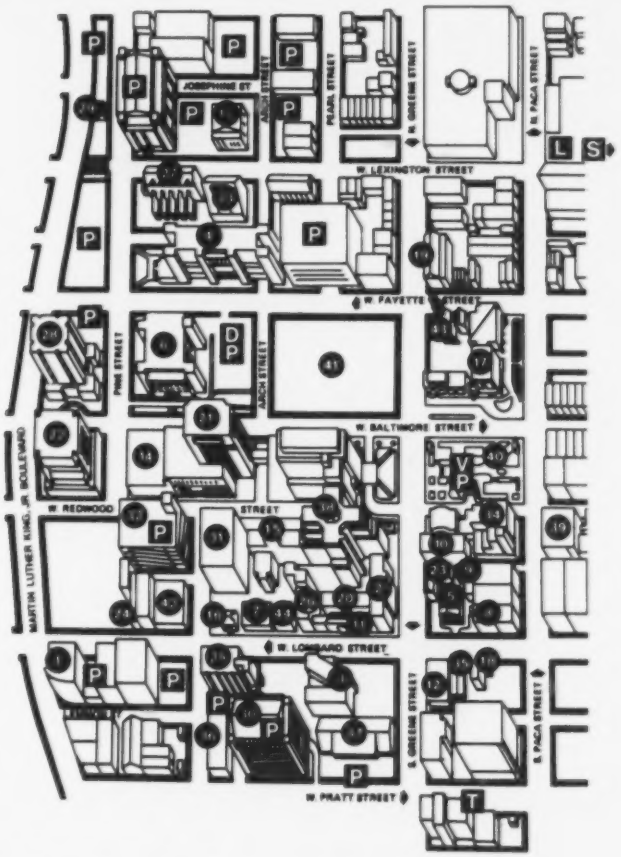
Let's eat: Visit the University of Maryland Medical System Hospital Cafeteria, First Floor, South Hospital Building, 22 S. Greene Street, for inexpensive, fast and ample fare. One of UMAB's greatest lunchtime assets: the proximity of the Lexington Market, Baltimore's famous foods-of-the-world emporium, located on the north edge of the campus.

Books, souvenirs: Campus Books, Inc., plus several small shops. See Chapter Nine.

TELEPHONE INFO

University Operator	328-2112
Admissions	328-7480
Alumni Associations:	
Dentistry	328-7129
Law	328-2070
Medicine	328-7454
Nursing	328-7373
Other	328-7820
Public Relations	328-7820
Public Service	454-3000

University of Maryland at Baltimore Campus Map



University and *Campus-Related* Buildings

1. Administration Building, 737 W. Lombard St.
2. Allied Health Professions Building, 32 S. Greene St.
3. Baltimore Student Union, 621 W. Lombard St.
4. (Walter P.) Carter Center, 630 W. Fayette St.
5. Davidge Hall, 522 W. Lombard St.
6. Dental School, Hayden Harris Hall, 666 W. Baltimore St.
7. Dunning Hall, 636 W. Lombard St.
8. East Hall, 520 W. Lombard St.
9. Gray Laboratory, 520 W. Lombard St.
10. Greene Street Building, 29 S. Greene St.
11. Health Sciences Buildling, 610 W. Lombard St.
12. Health Sciences Library, 111 S. Greene St.
13. *Hope Lodge, 636 W. Lexington St.*
14. Howard Hall, 660 W. Redwood St.
15. Institute of Psychiatry and Human Behavior, 645 W. Redwood St.
16. *Kelly Memorial Building, 650 W. Lombard St.*
17. Law School and Law Library, 500 W. Baltimore St.
18. Lombard Building, 511 W. Lombard St.
19. *Maryland Bar Center, 520 W. Fayette St.*
20. Maryland Institute for Emergency Medical Services Systems Shock Trauma Center, 22 S. Greene St.
21. Medical School, Frank C. Bressler Research Building, 655 W. Baltimore St.
22. Medical Shcool Teaching Facility, 10 S. Pine St.
23. Medical Technology, 31 S. Greene St.
24. *Newman Center, 712 W. Lombard St.*
25. Nursing School, 655 W. Lombard St.
26. Parsons Hall, 622 W. Lombard St.
27. Pascault Row, 651-655 W. Lexington St.
28. Pharmacy Hall, 20 N. Pine St.
29. Pine Street Police Station, 214 N. Pine St.
30. Pratt Street Garage and Athletic Center, 646 W. Pratt St.
31. R. Adams Cowley Shock Trauma Center (under construction), Penn and Redwood Sts.
32. Redwood Hall, 721 W. Redwood St.
33. *Ronald McDonald House, 635 W. Lexington St.*
34. School of Social Work and Community Planning, 525 W. Redwood St.
35. The Shaw House, 513 W. Lombard St.
36. *State Medical Examiner's Building, 111 Penn St.*
37. University Health Center, 120 S. Greene St.
38. University of Maryland Medical System, 22 S. Greene St.
39. *University of Maryland Professional Building and The University Club, 419-421 W. Redwood St.*
40. University Plaza and Garage, Redwood and Greene Sts.
41. *Veterans Administration Medical Center (under construction), Baltimore and Greene Sts.*
42. *Western Health Center, 700 W. Lombard St.*
43. *Wesminster Hall, 515 W. Fayette St.*
44. Whitehurst Hall, 624 W. Lombard St.

T Baltimore Trolley Works to Inner Harbor
L Lexington Market
S Metro Subway Station
P Parking Garages and Lots

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University of Maryland Baltimore County, UMBC. UMBC, founded in 1966 and the youngest of the University of Maryland institutions, is a doctoral, research university serving first the Greater Baltimore region; it emphasizes excellence in undergraduate as well as graduate education. UMBC maintains the traditions and values of a liberal arts institution, while advancing new knowledge across a variety of disciplines.

The campus is located on 500 acres in suburban Catonsville, just minutes away from downtown Baltimore, within commuting distance of Washington and Annapolis, and is easily accessible from all directions.

UMBC is a thoroughly contemporary campus, featuring modern architecture and surrounded by a loop road—all in a green, country-like setting. The Albin O. Kuhn Library and Gallery ranks among the nation's leading university libraries in automation-enhanced information systems.

The campus serves more than 10,000 students and offers 28 undergraduate degree programs in a broad range of fields in the sciences, arts and humanities, social sciences, and engineering. The University of Maryland Graduate School-Baltimore (in which UMBC and UMAB are partners) offers 87 graduate degree programs (38 doctoral and 49 master's).

You'll reach UMBC easily from either Baltimore or Washington by taking I-95 to the Catonsville exit, Route 166, then North for about one mile. Or, from the Baltimore Beltway take Wilkens Avenue Exit 12, then West for about one-half mile.

President of UMBC: Dr. Michael K. Hooker

Mailing Address:
University of Maryland Baltimore County
Baltimore, Maryland 21228

Park your car: Check in at Public Safety (located between the library and the dorms) to get a map of the campus and a temporary parking permit.

Bus ride: Shuttle buses run from UMBC to Arbutus, Wilkens Avenue, and Catonsville-Free with UMBC ID card. For a copy of the schedule, call the Office of Commuter Affairs, 455-2452.

Let's eat: Commuter cafeteria faces the quad, a lively atmosphere with low prices and wide menu including hot breakfast; coffee shop in basement of Administration Building is a mini-cafeteria offering sandwiches, soups, salads to order, desserts and beverages, plus one hot entree daily; student dormitory dining halls admit outsiders for a flat fee; faculty/staff lunch facility in Dining Hall III has great salad bar, beer and wine. University Center Cafe serves fast food type fare (hamburgers, pizza, fried chicken, and salad bar as well as breakfasts).

Vending machines in most buildings. The Bookstore's Yum Shoppe features fresh popcorn; donuts, muffins, and bagels baked fresh daily; and sandwiches, subs, microwave meals, ice cream and bulk candy.

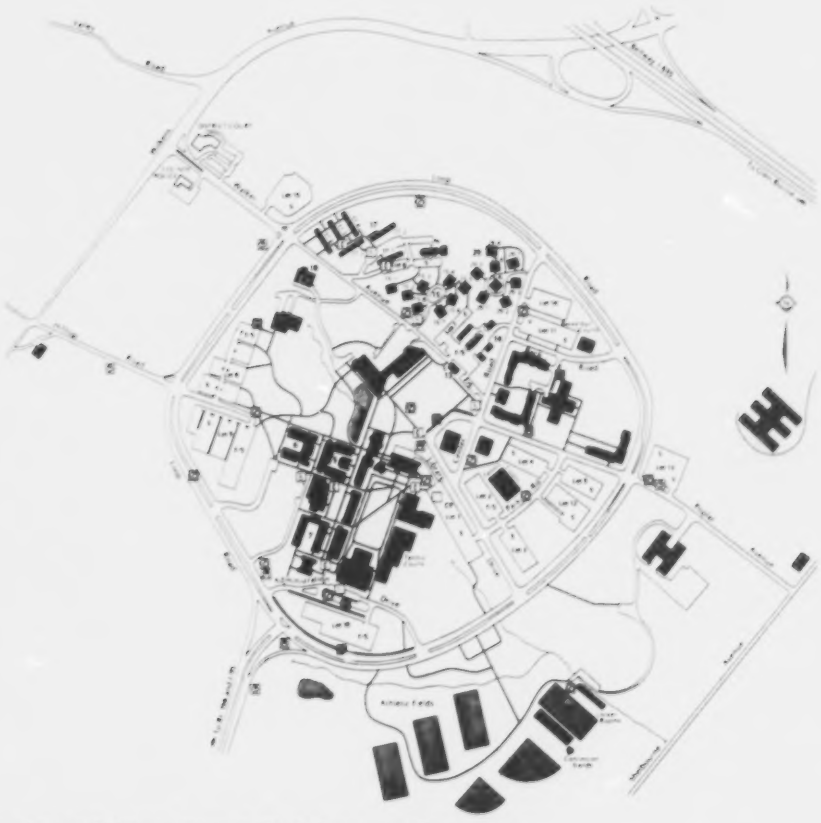
Books, souvenirs: The Bookstore in the University Center, open M-Th, 8:40am to 7pm, and F, 8:40am to 4pm. Closed weekends. 455-2993.

Stay longer: Undergraduate and graduate instruction is offered in the evening, and services are available to students. The Admissions Office is in the Academic Services Building.

Information: UMBC Campus Information Center is on the second floor of the University Center, 455-3454.

TELEPHONE INFO

University Operator	455-1000
Admissions	455-2291
Alumni Affairs	455-2901
Public Relations	455-2901
Public Service	454-3000



University of Maryland Baltimore County Campus Map

1. Administration/Lecture Hall III
2. Social Science/Computer Center
3. Mathematics/Psychology
4. Biological Sciences
5. Chemistry/Physics/Lecture Hall II
6. Fine Arts/Recital Hall
7. Academic IV/Lecture Hall IV
8. Fieldhouse/Pool
9. Academic Services/Theater
10. Gym I/Commuter Cafeteria
11. Lecture Hall I
12. Albin O. Kuhn Library & Gallery
13. Capus Police
14. Maintenance Shops
15. Terrace I Apartments
    - 15-1 Nanticoke
    - 15-2 Gunpowder
    - 15-3 Monocacy
    - 15-4 Sassafras
    - 15-5 Wicomico
    - 15-6 Antietam
    - 15-7 Chincoteague
    - 15-8 Tuckahoe
16. Hillcrest - Residential Life Office
17. West Hill Apartments
    - 17-1 Severn
    - 17-2 Chester
    - 17-3 Wye
    - 17-4 Magothy
    - 17-5 Potomac
    - 17-6 Choptank
18. Greenhouse
19. Physical Plant
20. Chesapeake Hall
21. Health Services
22. Susquehanna Hall
23. Dining Halls, 1, 2, & Faculty/Staff
24. Patapsco Hall
25. Warehouse
26. University Center/Bookstore
27. Stadium
28. Temporary Facility I
29. Hillside Apartments
    - 29-1 Elk
    - 29-2 Deep Creek/ Sea-Store
    - 29-3 Breton
    - 29-4 Casselman
    - 29-5 Patuxent
    - 29-6 Pocomoke
    - 29-7 Sideling
    - 29-8 Manokin
30. Bradley Center
31. Temporary Facility II
32. Technology Research Center

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University of Maryland College Park, UMCP. The University's flagship campus and one of the largest in the nation, UMCP was originally chartered in 1856 as the Maryland Agricultural College. The enduring Georgian colonial architecture with which it began has multiplied and has been joined by other, more contemporary, structures for a total of 335 major buildings-enough to handle current enrollments of approximately 35,500.

UMCP's suburban site has acres of lawn and tall shade trees, yet is close to the nation's energetic capital city, Washington, D.C. You'll find the campus side-by-side with Route 1 as you drive north from the city, or south approximately two and one half miles from the College Park exit (25b) on the Capital Beltway.

President of UMCP: Dr. William E. Kirwan (Acting)

Mailing Address:
University of Maryland at College Park
College Park, MD 20742

Park your car: Weekdays 8:30am to 4:30pm stop at the Department of Campus Parking across Route 1 from the Rossborough Inn and pick up a larger map and a visitor's pass. Or proceed directly to the new multi-level parking garage on Regents Drive north of the M Circle, or to any lot or curbside that offers metered parking. If you choose the large new garage, 30-minute meters (red) and 2-hour meters (grey) are on the ground level, 8-hour meters (yellow) on the second level. Parking information: 454-4242. (Enlarged maps are posted behind glass at roadside, all entrances to campus.)

Bus ride: For transportation to College Park, call the Office of Commuter Affairs on campus, 454-3645. For campus shuttle buses call Shuttle-UM, 454-2255.

Let's eat: Wandering the wide halls of the Adele H. Stamp Student Union, you'll find food choices galore: Roy Rogers quick food, pizza, health food in the veggie co-op, a bakery, Pizza N' Pasta, two sandwich factories, What's Your Beef Restaurant, and The Farmer's Market salad boutique. Choose the Rossborough Inn, alias the Maryland University Club, on Route 1 for colonial charm, the "Dairy" next door for sandwiches and superb ice cream, or the Gazebo on the west end of South Dining Hall for upbeat cafeteria styling. For College Park eating with free and easy parking, head to the western edge of campus and try either the Garden Restaurant or the cafeteria in UMCP's Center of Adult Education. Call the UMCP Department of Dining Services, 454-2901, for more information or a copy of the free brochure "Eating on Campus."

Books, souvenirs: The Book Center in the Adele H. Stamp Student Union.

Stay longer: Enrollments welcomed. You'll find Admissions on the Ground Floor, the Mitchell Building. (The former North Administration Building was renamed in 1988 to honor Clarence M. Mitchell, distinguished civil rights leader.)

Information: The Campus Information Center is on the first floor of the Adele H. Stamp Student Union (see index) and is open the same hours.

TELEPHONE INFO

University Operator	454-3311	
Admissions	454-5550	Undergraduate
	454-3141	Graduate
Alumni Programs	454-2938	
Public Information	454-5335	
Public Service	454-3000	

University of Maryland University College, UMUC. University College is a separate institution of the University of Maryland System with headquarters in the Center of Adult Education—described in Chapter Nine and located at the western edge of UMCP (see map). The role of University College is to facilitate lifelong learning, extending the resources of University of Maryland to part-time adult students in classrooms of all kinds throughout Maryland, the Pentagon, and in 22 countries abroad. Its newest Maryland site is the University of Maryland at Shady Grove in Rockville, Montgomery County.

You will find evening courses, weekend courses, courses by television and other technologies, and more innovative ideas tailored to suit adult schedules at University College. To reach the Center of Adult Education, follow Route 193 west from Route 1 Turn left on Adelphi Road, and left into the driveway. As a point of interest, UMUC's enrollment stateside is more than 13,000 and overseas more than 26,000.

President of UMUC: Dr. T. Benjamin Massey

Mailing Address:
University of Maryland University College
University Boulevard at Adelphi Road
College Park, Maryland 20742

Park your car: Large, lighted parking lots surround the Center of Adult Education.

Bus ride: For transportation to University Boulevard and Adelphi Road in College Park, call METRO information 637-7000. Campus shuttle buses for UMCP also serve UMUC; call Shuttle-UM, 454-2255 or 5375.

Let's eat: Sit down and order your food in The Garden Restaurant with the option of an enclosed courtyard for outdoor dining. It's just to the right of the main entrance of the Center of Adult Education. Or go cafeteria-style in the Mount Clare Room, to the rear of the building. You're close enough at UMUC to consider any of UMCP's dining facilities as possibilities.

Books, souvenirs: UMUC students use the Book Center in the Adele H. Stamp Student Union, just down the road on the UMCP campus.

Stay longer: Enrollments welcomed. Admissions is in Room 0300, and is open when you need it. Call the UMUC Information Center at 985-7000 M-F, 8am to 8pm; on Saturday 8am to noon call 985-7498. Hours vary for admissions, for career counseling, for foreign citizens enrollment, and other student services. For admissions or counseling during evening hours appointments may be necessary.

Information: Ask at the front desk for the Admissions Office or help yourself to the pamphlets and brochures in the lobby which explain University College's programs.

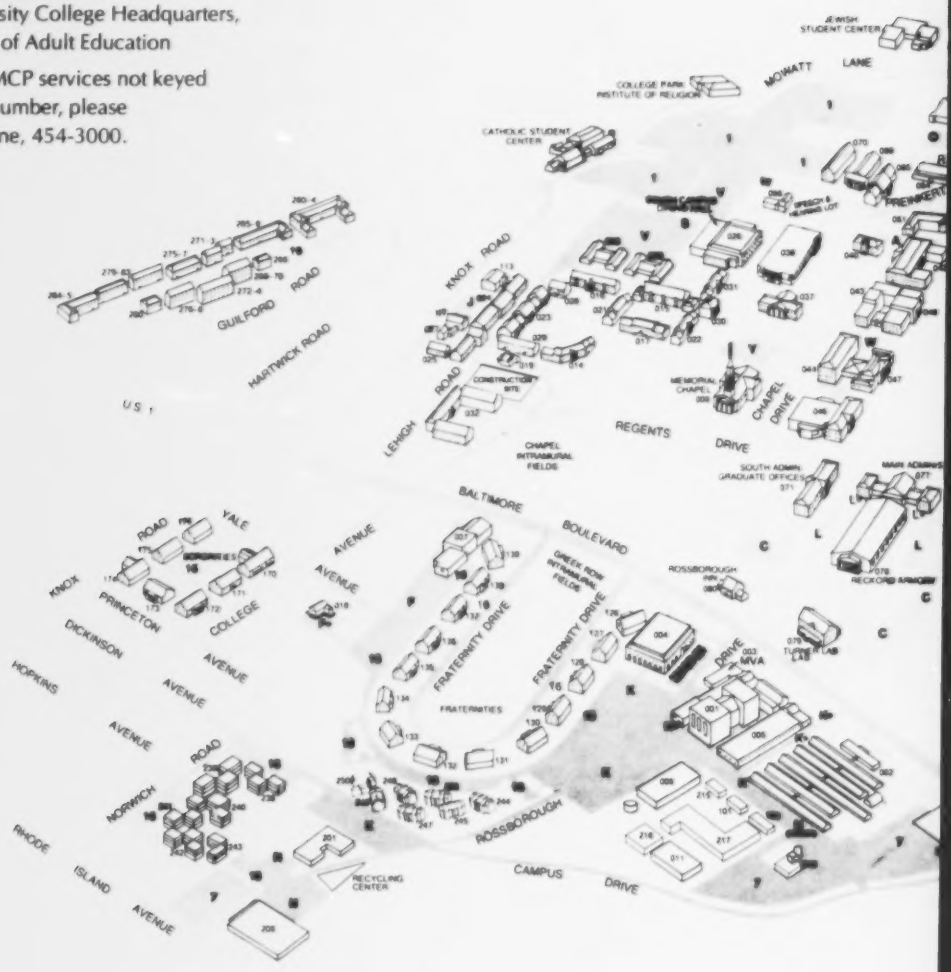
TELEPHONE INFO

University Operator	985-7000
Admissions	985-7000
Baltimore County Office	455-3167
Public Information	985-7077
Public Service	454-3000

University of Maryland College Park/ University of Maryland University College Map

115 A. V. Williams Building., SRC
164 Chancellor's Home
042 College of Business Centers (Tydings Hall)
224 Computer Science Center
037 Counseling Center (Shoemaker Building.)
079 "Dairy" Store
335 "Incubator" for Small Business, TAP
073 Soil Testing Lab
081 Wind Tunnel Building., ERC
345 University College Headquarters, Center of Adult Education

To locate UMCP services not keyed to building number, please call the hotline, 454-3000.



ADELPHI ROAD
STANFORD DR
MD 193
ADELPHI ROAD
NORTH
CAMPUS DRIVE
UNIVERSITY BOULEVARD
MD 193
CENTER FOR ADULT EDUCATION
GOLF CLUB HOUSE
ICA SOCCER/ LACROSSE FIELD
INTRAMURAL FIELD
ICA WOMEN'S FIELD HOCKEY/ LACROSSE FIELD
STADIUM DRIVE
COLE FIELD HOUSE
FIELD HOUSE DRIVE
BYRD STADIUM
SHIPLEY FIELD
VALLEY DRIVE
HORNBAKE LIBRARY
ICA TURF FIELD
ICA FOOTBALL PRACTICE FIELDS
STADIUM DRIVE
FARM DRIVE
PERH BUILDING
REGENTS
CAMPUS DRIVE
STADIUM DR
NORTH INTRAMURAL FIELDS
PAINT BRANCH DRIVE
BALTIMORE BOULEVARD

The University of Maryland Eastern Shore, UMES. The UMES campus is in a lovely rural setting less than one half a mile from the historic town of Princess Anne in Somerset County. To the eye, UMES is a scaled-down version of UMCP, combining Georgian colonial architecture with unexpectedly modern facilities.

In 1986 UMES proudly celebrated its centennial. Founded in 1886 as the Delaware Conference Academy, UMES became Maryland State College in 1948 and was renamed the University of Maryland Eastern Shore in 1970. Enrollment is nearly 1,600.

If you're driving, UMES is fifteen minutes from the growing town of Salisbury, less than one hour from Ocean City, and less than two and one half hours from Baltimore and Washington, D.C. Take Route 50 to Salisbury, then go south about 12 miles on Route 13.

President of UMES: Dr. William P. Hytche

Mailing Address: Princess Anne, Maryland 21853

Park your car: Space galore for visitor parking. Stop in at the Somerset Junior High Building and pick up a map from the campus police office (first building on your right as you drive in) and a special permit if you plan to stay long.

Bus ride: Trailways and Greyhound Bus Lines serve Princess Anne daily.

Let's eat: As a single visitor or small group, you are welcome to use the faculty dining room in Waters Hall. Snacks and soft drinks are dispensed from vending machines in the Student Development Center (see index), and there are several charming little restaurants in town.

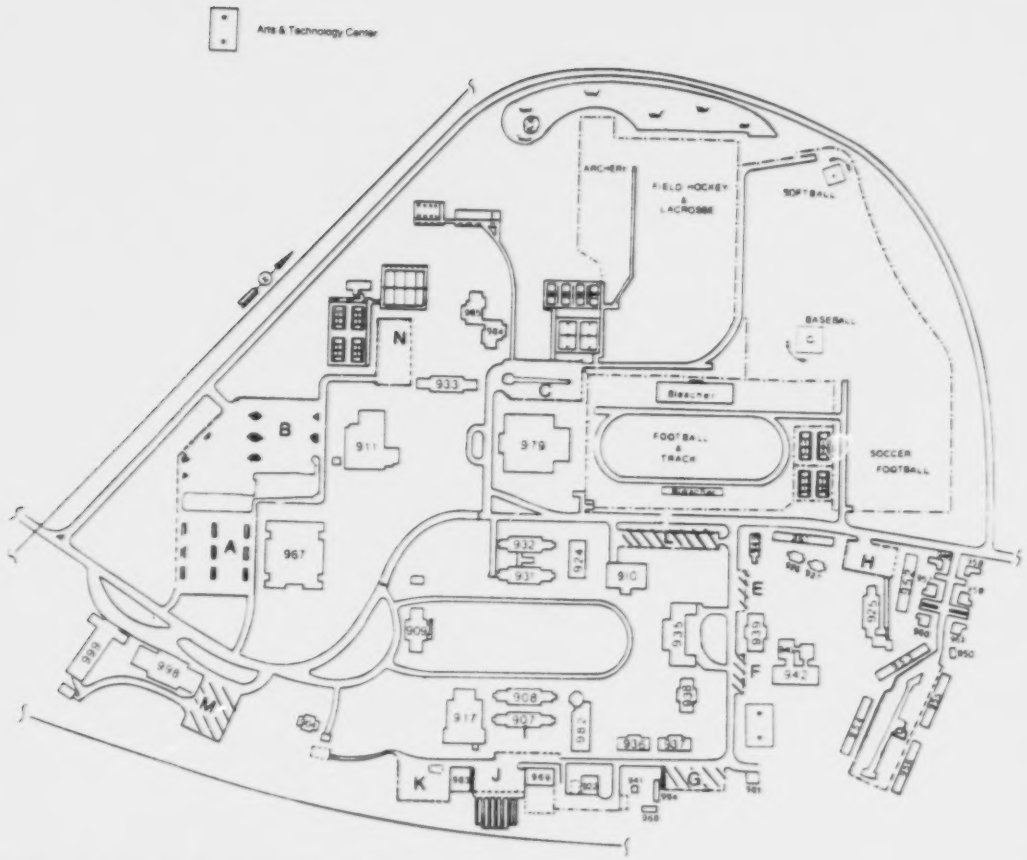
Books, souvenirs: The Book Store in the Student Development Center.

Stay longer: Enrollments are encouraged. Admissions is in the prominent J. T. Williams Hall, its front facing the entrance drive and its back the traditional campus mall.

Information: Visit University Relations on the second floor of J. T. Williams Hall or ask at the information desk in the Student Development Center.

TELEPHONE INFO

University Operator (For all other offices, dial same number and request by name)	651-2200
Public Service	454-3000



University of Maryland Eastern Shore Campus Map

904 Chancellor's Residence
906 Bird Hall
907 Murphy Hall Annex
908 John Murphey Hall
909 J.T. Williams Hall
910 Library
911 Student Center
915 Research Greenhouse
922 General Stream Plant
924 Wilson Hall
925 Student Apartments
926 Faculty Cottage (South)
927 Faculty Cottage (North)
931 Somerset Hall
932 Harvord Hall
933 Wicomico Hall
935 Trigg Hall
936 Bldg. Construction Shop
937 Business Ed. Building
938 Art Ed. Building
939 Home Ec. Building
940 Early Childhood Res. Center
941 Academic Greenhouse
942 Early Childhood Res. Center
946 Student Cottage
947 Farm Manager Cottage
949 Student Apartment (West)
950 Housing Office Bldg.
951 Dormitory/Apt. - W
952 Dormitory/Apt. - E
953 Dormitory/Apt. - NW
954 Dormitory/Apt. - SW
955 Dormitory/Apt. - NE
956 Dormitory/Apt. - SE
957 Student Cottage
958 Student Cottage
959 Student Cottage
960 Student Cottage
961 Student Cottage
962 Poultry Laying House
963 Farm Shop
964 Dairy Barn & Silo
965 Implement Shed - West
967 Performing Arts Center
968 Faculty Recr. Bldg.
969 Maintenance Shop
970 Milk House
971 Farrowing House
972 Cattle Shed
973 Corn Crib
974 Screen House
975 Poultry House
976 Hay Storage (Quonset)
977 Implement Shed - East
978 Calf Barn
979 Tawes Building & Pool
981 Home Ec. Pract. Cottage
982 G.W. Carver Hall
983 Phys. Plant & Cent. Recvg.
984 Dormitory No. 6-A
985 Dormitory No. 6-B
994 Crab Research Trailer
995 Somerset JHS Quonset Hut
996 Marksman - West
997 Marksman - East
998 Somerset JHS Multi-Purpose Bldg.
999 Somerset Jr. High School

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CHAPTER ONE

TOWARD ECONOMIC DEVELOPMENT

TOWARD CLOSER TIES highlights University of Maryland System ability to assist the state in economic development. Grouped here in the first chapter are a variety of University resources and opportunities of particular interest to private enterprise. We will be pleased to send you our new UM economic development partnership brochure—it's free—upon request. If you would like information about short-term cooperative efforts between UM and the corporate sector, or about specialized interests not included here, please call us. Remember, the University of Maryland System public service hotline is your personal liaison to the right resource, 454-3000.

BUSINESS AND MANAGEMENT

Applied Mathematics Laboratory. Businesses and industries may solve problems that demand time or expertise not available from permanent staff by sponsoring research to be conducted by Towson State University mathematics majors. The Applied Mathematics Laboratory invites prospective clients to submit research projects, which will be evaluated on the basis of their educational value, possibility of successful resolution, projected time-frame required, and willingness of the sponsor to allocate liaison time when appropriate. Most suitable problems involve model formulation, analyses, and verification with a possible statistical and computing component. Students work in teams, under faculty supervision, on complex problems for at least one semester and often for an academic year. Faculty members from economics, business, chemistry and physics are available as additional project consultants.

Available to: Businesses, industry, or government agencies.

Fees: A fixed fee based on average university project expenses is agreed upon in advance. Once accepted, a formal project agreement including fees is drawn up between Towson State and the client.

Publications: Complete technical report available at end of each semester.

Information:
Applied Mathematics Laboratory
Department of Mathematics
Towson State University
Towson, MD 21204-7097
(301) 321-3091

Business and Economic Research, Bureau of. Provides research for regional economic development, environmental management, state and local public finance. UMCP's Bureau has done environmental forecasting for depletion of stratospheric ozone, as well as the economics of Chesapeake Bay management on which it organizes annual conferences.

Available to: Government agencies, citizens' groups.

Fees: Direct costs plus 52% overhead charges.

Information:
Dr. John H. Cumberland, Director
Bureau of Business and Economic Research
4118 Tydings Hall
UMCP
College Park, MD 20742
(301) 454-2303

Business and Economic Studies, The Center for. Serves as an information center for public and private economic development organizations, providing research assistance, consulting services, business extension services and support for industry development centers. This University of Baltimore center also publishes *The Business Review*, a bi-monthly newsletter with articles on business-related topics and economic and financial data.

Information:
Dr. Jonathan Silberman, Director
The Center for Business and Economic Studies
Robert G. Merrick School of Business
University of Baltimore
1420 North Charles Street
Baltimore, MD 21201
(301) 625-3065

Business and Management, College of. Six important centers that provide service to the state are administered by this UMCP academic unit. See listed individually: Center for Productivity and Quality of Working Life, Center for Business and Public Policy, Center for Innovation, Center for Entrepreneurship, Center for Management Development, Data Base Systems Research Center, and Small Business Development Sub-Center. For any sort of business oriented training or consulting, please get in touch via this office. Dr. Rudolph P. Lamone, Dean.

Available to: Anyone
Fees: Depend on service.
Information:
Dr. Patricia D. Stocker
Assistant Dean
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-2406

Business/Industry Outreach, TSU. Towson State University's College of Continuing Studies offers programs to meet the training needs of business and industry. Businesses and organizations may contract for a training program already developed or have a program designed to meet the specific needs of their employees. Samples of custom designed program areas: computer software, stress management, technical writing, financial planning and investing, and supervisory training.

Available to: Businesses and other organizations.
Fees: Depend on service.
Information:
Director of Non-credit Programs
College of Continuing Studies
Towson State University
Towson, MD 21204-7097
(301) 321-3532

Center for Area Resource Development (CARD). Beginning with the Fall 1988 semester, Towson State University's School of Business and Economics will offer the Baltimore-area business community short courses on a variety of topics. Clients can select from material prepared in advance, or may have a course custom-designed by the School's faculty members to address a specific need. These courses, which will be available year-round, can be taken at Towson State's campus or at a site designated by the client.

Available to: Business and industry

Fees: Depend on service.

Publications: Brochure describing courses and other services, available upon request (after September 1988).

Information:
Economics:
Chang Min Kong
Assistant Professor, Economics
(301) 321-2145

Management:
William R. Brown
Associate Professor, Management
(301) 321-2240

Marketing:
Janice A. Schlimm
Assistant Professor, Marketing
(301) 321-3583

School of Business and Economics
Towson State University
Towson, MD 21204-7097
(301) 321-3342

Center for Automation Research. The University's research center for state-of-the-art robotics and other computer oriented advances. See index.

Center for Business and Public Policy. The question is "how do you manage a business enterprise so as not to cause stresses in its social and physical environment?" The answers can be found at UMCP's Center for Business and Public Policy. The Center welcomes the opportunity to do studies or conferences for firms or government agencies to help them develop and implement corporate social policy. Suggested topics include negotiations between corporate and consumer interest groups, dispute resolution methods and alternatives to regulation.

Available to: Anyone

Fees: Depend on service.

Publications: Numerous. Recent policy pieces on dispute resolution in new car sales and food labeling. Send for list of other FREE publications.

Information:
Frank E. McLaughlin, Director
Center for Business and Public Policy
Tydings Hall
UMCP
College Park, MD 20742
(301) 454-6541

Center for Innovation. A partnership between UMCP's Department of Sociology, College of Business and Management, and Department of Psychology, this Center was created in 1982 to study innovation in terms of new product development, new work processes and human resource management. Currently the Center is looking closely at American competitiveness, hospital effectiveness, industrial democracy in Chile, education's role in economic growth in Western Europe, and innovation in agricultural research centers in Brazil. Consulting to and diagnoses of firms to help them become more innovative is available.

Available to: Interested parties

Fees: Depend on service.

Publications: Research results on request. Free brochure. Books: *Agricultural Change and Development; Futures of Organizations.*

Information:
Dr. Jerald Hage, Director
Center for Innovation
Department of Sociology
UMCP
College Park, MD 20742
(301) 454-5519

Center for Instructional Development and Evaluation. Taking a giant step into the 21st century, CIDE's unique projects apply the University's academic resources to the modern needs of business, industry, and government. For example, CIDE designed the Army's STARS self-paced learning system that makes learning fun and effective. Navy medical corpsmen learn principles of anatomy and physiology and practice responding to simulated medical emergencies through interactive video instruction developed by CIDE. Nuclear utility plant employees around the country are completing computer-based engineering courses designed and produced by CIDE. Wall Street credit analysts, firefighters from throughout the United States, foreign service officers in U.S. embassies around the world—these are only a few of the diverse groups of adults completing instruction designed and developed by CIDE. Services range from needs assessment through all phases of instructional development to evaluation studies. CIDE works with clients to identify and solve training problems. Projects are accepted on contract.

Available to: Business and government.

Fees: Depend on service.

Information:
Gary Miller, Director
Center for Instructional Development and Evaluation
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7897

Center for Management Development. Enabling professionals to keep current in their fields through effective management development training is what UMCP's Center for Management Development is all about. The Center's two methods: the general public seminar, and the in-house seminar designed for a specific business or institution. Public seminars usually last 1, 2 or 3 days, and are held at various hotel and conference sites throughout the Washington Baltimore Metropolitan area. Seminars are designed to assist entry and mid-level managers, first line supervisors and technical and support staff. Sample titles: "The Engineer as Manager," "Project Management," "Management Skills for Women in Business." Course fees vary and include cost of instruction, program materials, and refreshment breaks. Discounts are offered to groups of 3 or more attending from the same organization and to the University of Maryland System employees. In-house seminars are tailored to meet specific client organization management concerns. In-house training can be provided on the firm's premises or off, and works well also as an educational segment of an association convention. The Center is part of UMCP's College of Business and Management.

Available to: Anyone

Fees: As above

Publications: Seminar brochures and schedules on request.

Information:
Dr. Patricia D. Stocker, Director
Center for Management Development
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-2406

Center of Rehabilitation and Manpower Services. Here is a unique resource to business, labor, educational agencies, public and private rehabilitation facilities, and providers of independent living services in Maryland and five other states. The Center has, since 1966, provided practical no-nonsense training and leadership development to facility managers, supervisors and administrators. The Center currently has contracts with over 400 rehabilitation programs, and is also conducting research to improve services to the visually handicapped in rural areas. Ask about the Center's conferences or workshops, as well as films and tapes, on management and rehabilitation services. A small specialized library in small business and non-profit management is available for browsing. The Center is part of the Department of Industrial, Technological and Occupational Education.

Available to: Agencies, non-profit facilities, and organizations.

Fees: Variable

Publications: Informational bulletins, quarterly newsletter, research reprints, program manuals, self-instructional and VTR materials.

Information:
R. E. Beziat, Director
Center of Rehabilitation and Manpower Services
3115 Jull Hall
UMCP
College Park, MD 20742
(301) 454-3042

Chinese Business Language. A course developed at UMCP under a $132,000 grant from the National Endowment for the Humanities was the first in the U.S. to address the problems of cultural misunderstanding in doing business in China. Program head: Dr. A. R. Walton of UMCP's East Asian Languages. For an update, please call the hotline, 454-3000.

Community Resource Development and Energy. This arm of the Cooperative Extension Service offers management programs free to small businesses in Maryland. See index.

Construction Engineering and Management Program. Management help from UMCP specifically for the construction industry. See index.

Construction Management/Technology. Eastern Shore builders who want the latest in construction management techniques or technology will find it available from this UMES academic unit. Besides faculty expertise on a consulting basis, the department conducts training programs and workshops, tutors employees of construction-related firms individually, and maintains a large collection of computer software on construction technology and construction management. Courses for college credit are available through Week-End University and evening courses, as well as regular University hours. (Minority contractors and subcontractors are especially encouraged to use this service.)

Available to: Any contractor or sub-contractor.

Fees: Depend on service.

Information:
Dr. Leon L. Copeland
Construction Management Technology
Department of Industrial Education and Technology
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 627

Corporate Health and Lifestyle Programs. Instruction and strategies for: stress management, drug abuse prevention, aging/retirement/life transitions, and AIDS education and prevention. Contact: Office of the Dean, College of Physical Education, Recreation and Health, UMCP, 454-5616.

Data Base Systems Research Center. Established in 1981 to provide a base for data base systems research at the University of Maryland, the Center is located at UMCP in the College of Business and Management. Areas of interest include data base systems design, distributed data base systems, data base machine architecture, performance evaluation of data base systems, knowledge base management system, and office information systems. Seminars for computer and information systems professionals are offered.

Available to: Interested parties

Fees: Depend on service.

Publications: Seminar brochures or technical reports on request.

Information:
Dr. S. Bing Yao, Director
Data Base Systems Research Center
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-7030 or 7352

Economic Research, Agricultural. Up-to-date findings on economic issues in agriculture, business and environment from local to international level. Contact the University of Maryland Agricultural Experiment Station, 454-3707.

Economics, Department of, UMBC. This UMBC academic unit offers special consulting expertise in health care in the changing economic environment. Other special areas: economic and social status of the American Indian, restrictions on international trade, and business cycles and public policy.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Alan Sorkin, Chair
Department of Economics
UMBC
Baltimore, MD 21228
(301) 455-2173

Economics, UMCP. See Bureau of Business and Economic Research in index.

Employee Assistance Program. Your employees' personal problems may reduce productivity as much as 25% and cause high absenteeism, low morale and costly insurance rates. This UMAB outreach unit can design programs that address the unique needs of your organization, complete with supervisor training, employee orientation, evaluation design, assessment and consultation.

Available to: Any business or organization.

Fees: Depend on service.

Information:
Stuart A. Tiegel, MSW, LCSW
Alcohol-Drug Abuse Program
School of Medicine
UMAB
721 W. Redwood Street
Baltimore, MD 21201
(301) 328-3672

Engineering Research Center. Doing great things for business and industry in Maryland through technical assistance, outreach, research, partnerships, and incubators. Dr. Herbert Rabin, Director. See index.

Entrepreneurship, The Michael D. Dingman Center for. This exciting new UMCP center has something for everyone who wants to be his own boss. For entrepreneurs and small business owners, it holds short courses and workshops, co-sponsors an annual conference, and will provide initial assessment of new venture proposals. Sample 1988 workshops: "New Venture Capital Faces," and "Valuation." For UM undergraduate and graduate students it offers courses in entrepreneurship and venture capital. And for the economy's future, the center is undertaking special research in entrepreneurship and innovation and establishing a Maryland Entrepreneurial Hall of Fame to pay tribute to the founders of successful new ventures in Maryland.

Available to: Entrepreneurs, small business owners, venture capitalists.

Fees: Depend on service.

Information:
Dr. Rudolph P. Lamone
College of Business and Management
Tydings Hall
UMCP
College Park, Maryland 20742
(301) 454-5383

Executive Development Program. A two week residential program designed for business executives who have made or are making the transition to general management. Held annually in May at the Aspen Institute at Wye, Maryland (see index for more on the Wye Center). The 1988 dates were May 15-27. Topics: the changing business environment, new strategies for meeting the innovation and productivity challenge, technologies for information and decision systems, and strategic leadership.

Available to: Business executives in manufacturing, high tech, financial services, utilities, and a broad range of industries.

Fees: $4500 for all costs, including room and board.

Information:
Dr. Patricia D. Stocker, Director
Executive Development Program
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-2406

Group Efficiency Training (GET). Get your team working together. A free workshop courtesy of the University can increase efficiency and productivity through training designed to fit your group's needs and time requirements. Possible topics: program planning, human relations, team building, and Myers-Briggs personality type surveys. Workshops conducted at your location can be one hour, one day or one week long.

Available to: Any group or organization.

Fees: FREE except materials.

Information:
Dr. Bruce W. Sorter
Community Resource Development
Cooperative Extension Service
1211 Symons Hall
UMCP
College Park, MD 20742
(301) 454-4249

High Technology Advisory Committee. Area business and government benefit from this advanced training in a short space of time for their scientists and engineers which is offered throughout the year by University College. Recent scientific and technical developments are presented by distinguished faculty selected from major universities, prominent corporations and government agencies. Customized courses can be developed upon request. About 90 are presented annually.

Available to: As above

Fees: 5 day programs $1,050; 3 day programs $795 (1987).

Publications: Course brochures, semi-annual comprehensive bulletin.

Information:
Richard C. Jaffeson, Director
Science and Technology
Center for Professional Development
UMUC
College Park, MD 20742
(301) 795-7206

Hoffberger Center for Professional Ethics, The. Established in January 1987, this new University of Baltimore center is heightening the awareness of future Baltimore business leaders to moral and ethical issues in professional life by emphasizing these issues throughout university curriculum and by offering lectures and seminars on topical issues in ethics.

Available to: Business leaders, interested parties.

Fees: Depend on service

Information:
Dr. M. Lou Luchsinger, Director
The Hoffberger Center for Professional Ethics
University of Baltimore
1420 North Charles Street
Baltimore, MD 21201
(301) 625-3048 or 625-3068

Incubators for Small Business. At UMCP, see Technology Advancement Program. Coming to UMBC, an expansion of TAP located in the Catonsville campus's newly renovated biotechnology center building. For more information, please call the hotline, 454-3000.

Industrial Organizational Psychology. Fair employment practices, performance appraisal systems, training program development and survey research are all concerns of this UMCP academic unit for graduate level students. Projects are invited from federal and local governmental agencies, as well as from private business. For example, this unit helped Prince George's County develop a selection system, a training program and a promotion system for its county police officers. Inquire about workshops available in area of interest.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. Benjamin Schneider
Department of Psychology
UMCP
College Park, MD 20742
(301) 454-7115

Industrial Relations & Labor Studies. From manpower planning for Baltimore City to courses for trade union leaders and studies on smoking in the workplace, discrimination, and communication, this UMCP program provides assistance to both governmental and private organizations on labor and management problems. Industrial Relations & Labor Studies conducts seminars, training programs, surveys, research, workshops and courses by arrangement, at locations designed for user ease.

Available to: Any group

Fees: Depend on service.

Information:
Dr. Paul A. Weinstein, Director
Industrial Relations and Labor Studies
4106 Tydings Hall
UMCP
College Park, MD 20742
(301) 454-5235 or 5236

Industrial, Technological and Occupational Education Department. This UMCP academic unit consults on vocational and technical education. It offers training programs and other technical services for business, industry, government, secondary and post-secondary schools, rehabilitation centers and sheltered workshops. The Department has major programs in Industrial Technology, Business Education, Distributive Education, Home Economics Education, Industrial Arts Education, and Trades and Industrial Education. The Department has extensive laboratory facilities in the areas of electronics, drafting, metal forming and processing, foundry, welding, machine processes, wood technology, research and development, plastics, power and energy, automotives, graphics, photography, and office machines. There also is a state-wide Vocational Curriculum Research and Development Center and a newly established Resource Dissemination Center with services available to all interested groups. Consultations range across a broad area of programs and personnel development appropriate for business, industry, government, labor and education.

Available to: Government, industry, schools, interested parties.

Fees: Depend on service.

Information:
Dr. Charles Beatty, Acting Chairperson
Industrial, Technological and Occupational Education Department
J.M. Patterson Building
UMCP
College Park, MD 20742
(301) 454-5692

Instructional Television System. ITV uses four television channels simultaneously to bring more than 150 courses a year in color to participating organizations within 35 miles of the College Park Campus. Regular UMCP courses are selected for these "live" televised broadcasts, usually senior and graduate level in engineering, physics, computer science, other sciences, and business and management. Students at remote classrooms can see and hear classes via TV monitors and can converse with instructors via microphones. Short courses are also broadcast to the participating organizations over the University of Maryland ITV System. ITV is part of the National Technological University, a consortium of colleges and universities sending instruction across the country to engineers at their work places via satellite.

Available to: Participating outside organizations.

Fees: $7,000 to $38,000 per year, depending upon size of organization.

Publications: ITV brochures on request.

Information:
Dr. Arnold E. Seigel, Director
Instructional Television System
2104 Engineering Building
UMCP
College Park, MD 20742
(301) 454-5190

Interindustry Forecasting Project (INFORUM). The INFORUM model provides economic background for decisions with long-run consequences that depend on structural changes in the economy. INFORUM is providing economic forecasts for the next ten years for 75 industries by analyzing their sales, prices, employment, investment, and income. For 400 sectors, forecasts of sales are also available. INFORUM is part of UMCP's Department of Economics.

Available to: Subscribers

Fees: $9,000 per year, basic subscription.

Information:
Dr. Clopper Almon, Director
INFORUM
Department of Economics
UMCP
College Park, MD 20742
(301) 454-5384

International Business Management Institute. Located in Tokyo and Seoul as well as at University College in Maryland, IBMI offers training in the conduct of international business. Courses include business communication skills, cross-cultural relations, negotiation, business meetings and sales presentations. If you are a company sending personnel abroad, IBMI can train managers for overseas assignments and conduct programs to help employees and their families adapt to unfamiliar cultures. IBMI organizes business tours of East Asia for companies interested in furthering their knowledge of this region, and offers U.S. business tours for international companies in Asia.

Available to: As above

Fees: Depend on service.

Publications: Brochure, free upon request.

Information:
Dr. Richard Schreck, Director
International Business Management Institute
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7077

Job Referral Service, UMBC. No fee charged to employers in the Baltimore area wanting to fill part-time, permanent, temporary, or seasonal off-campus positions with UMBC students. Once a client, you will be contacted several times a year to expand or update listings.

Available to: Any employers, all UM students.

Fees: FREE

Information:
Bridget Watson, Coordinator
Job Referral Service
106-1 Academic Services
UMBC
Baltimore, MD 21228
(301) 455-3118

Job Referral Service, UMCP. If you are an equal opportunity employer interested in hiring undergraduate or graduate students, UMCP's Job Referral Service will list your openings and maintain them. The Job Referral Service is a clearinghouse for part-time, temporary, and summer jobs located both within and outside UM. Employers may mail their job announcements to the Job Referral Service or the vacancy may be phoned in to the number listed below.

Available to: Equal opportunity employers.

Fees: FREE

Information:
Deborah Celeste, Coordinator
Job Referral Service
3120 Hornbake Library
UMCP
College Park, MD 20742
(301) 454-2821, Employer Line
(301) 454-2490, Student Line

Leadership Development Program. Valuable for anyone who has leadership responsibility-from project managers to administrators to executives-this week long UMUC non-credit program has trained leaders from more than 400 organizations in the U.S. and abroad. It is designed to build leadership confidence, to improve management skills, to motivate goal setting and achieving, and to stimulate self-directed development. Originated by the Center for Creative Leadership in Greensboro, North Carolina.

Available to: As above

Dates: One-week course, given once each month.

Fees: $2,750

Information:
Carol Dell-Amore
Leadership Development Program
Center for Professional Development
UMUC
College Park, MD 20742
(301) 985-7206

LEAD Program. A one month residential (at UMCP) mini-MBA program for thirty gifted and talented 11th grade minority students selected nationally. The purpose is to provide classroom training and field trips to encourage students to consider a career in business or private entrepreneurship. The University of Maryland

joins Columbia University, Northwestern University, the University of Michigan and Wharton as one of fewer than ten business schools to which LEAD students come from around the nation. LEADers would welcome: local businesspersons as one day on-the-job mentors, more corporate sponsors.

Available to: As above

Fees: Full scholarship, supported by private corporations.

Publications: LEAD yearbook, upon request.

Information:
Dr. Patricia D. Stocker, Assistant Dean
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-2406

Liberal Arts in Business (LAB) Program. A special set of courses and an optional business internship designed especially for UMCP majors in arts and humanities. For businesses interested in potential employees or interns with excellent communication skills and creativity who have also taken courses in computing, management, and analytical problem solving, this is an innovative resource.

Available to: As above

Fees: Depend on service.

Publications: FREE brochure explaining program.

Information:
Dr. Charles S. Rutherford
Liberal Arts in Business Program
Division of Arts and Humanities
UMCP
College Park, MD 20742
(301) 454-6794

Management Support Systems Research Lab. Management decision-making is studied and supported here with technology-based tools and systems. New in June 1986, this UMCP business lab develops and evaluates state-of-the-art decision making technologies intended to improve management and organization productivity and effectiveness. Intended for both research and outreach, the lab will respond to requests from public or private organizations for decision making support. Current research projects: evaluating executive workstation designs, developing a management policy advisor, studying and designing computerized planning and decision aides, and building management expert systems. The lab has an integrated Macintosh/MS-DOS environment, and gives experience to fifteen student research associates. In addition to UM funding, equipment and other support for the lab has come from private corporations.

Available to: Business, industry, organizations.

Fees: Depend on service.

Information:
Daniel J. Power, Director
Management Support Systems Research Lab
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-6725

Maryland Center for Productivity and Quality of Working Life. In areas where America's dominance is being challenged, the Maryland Center offers information, training, technical assistance and research to both the public and private sectors. Sample workshops: productivity management, productivity measurement, training the "quality circles" facilitator, making employee involvement last. Recent clients: Delmarva Power & Light, Arthur Young, U.S. General Services Administration (GSA), Grumman Corporation, and U.S. Public Health Service. In addition, productivity audits are offered free-of-charge to small Maryland firms in conjunction with UM's Technology Extension Service. Maryland organizations which have demonstrated outstanding achievements in productivity and quality are honored with U.S. Senate Maryland Center Productivity awards at the Center's annual conference held each spring. Established at UMCP in 1977 as part of the College of Business and Management, the Center has built a private collection of articles and books that may be used by anyone on site, as well as movies and slide-tape presentations that may be rented or borrowed.

Available to: Any organization

Fees: Depend on service.

Publications: *The Maryland Workplace*, FREE bimonthly newsletter has success stories, book reviews, Center activities.

Information:
Thomas C. Tuttle, Director
Maryland Center for Productivity and
Quality of Working Life
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-6688

Maryland Center for Science and Technology. All eyes are on Bowie as the University's long planned research park begins to develop on 466-acres at the intersection of routes 50 and 301. The first tenant, for which ground was broken in Spring 1988: the Defense Department's $12 million Supercomputer Research Center, expected to become the hub of U.S. efforts to build a so-called fifth generation computer. The research park promises strong economic impact for the state and county, plus a ripple effect of educational benefits resulting from interaction with University faculty and students. The developers are Laskin & Colton.

Available to: Industries

Fees: Vary

Information:
Frank Collins, Vice President
University of Maryland Foundation
3300 Metzerott Road
Adelphi, MD 20783
(301) 853-3731

Maryland Industrial Partnerships (MIPS). MIPS, a major program of the Engineering Research Center, is designed to stimulate technical innovation and enterprise in Maryland. The program provides matching funds for joint industry-University research and development projects which will lead to commercialization of technology-based products and processes. MIPS matching grants are awarded on a competitive basis based on proposals submitted jointly by Maryland companies and University researchers. Economic development (job creation or retention, improvement in the company's competitiveness, etc.) and likelihood of technical success are major evaluation factors. Faculty members from all University of Maryland System member institutions participate in MIPS.

Available to: Any company headquartered in Maryland or with substantial manufacturing or R&D facilities in the state.

Fees: None. Companies match MIPS contributions with amount dependent upon company size.

Publications: Brochure, application form. Other materials are available.

Information:
Dr. Charles O. Heller
Director
Louis Robinson
Program Manager
Judith Mays
Corporate Relations Manager
Maryland Industrial Partnerships
Engineering Research Center
UMCP
College Park, MD 20742
(301) 454-7941

Mathematics-Statistics Center. Statistical consulting available to organizations interested in evaluating that kind of data. Located in the UMBC department.

Available to: As above

Fees: Depend on service.

Information:
Dr. Peter Matthews
Department of Mathematics and Statistics
UMBC
Baltimore, MD 21228
(301) 455-2423

Minority Workforce. Training for solving problems of a minority workforce—such as entrepreneurship, income, labor force participation—is available from UMCP's Afro-American Studies Program. Basic research or statistical and policy analyses is available. A course on "Science, Technology, and the Black Community" is offered.

Available to: Anyone

Fees: Depend on service.

Publications: Brochures and reports, free upon request.

Information:
Samuel L. Myers, Jr.
Director
Afro-American Studies Program
Suite 2169, LeFrak Hall
UMCP
College Park, MD 20782
(301) 454-5665

Mobile Executive Fitness Facility. Nearing completion, a mobile EKG-stress testing laboratory manned by a certified cardiologist, which UMCP can bring to corporate sites. Computerized health risk appraisal equipment will also be included to provide each client with a personalized health profile and health promotion plan. The mobile lab will be incorporated into a unique student training program as well. Contact: Office of the Dean, College of Physical Education, Recreation and Health, 454-5616.

Model Corporate Health Facilities. Several model health promotion facilities have been established in workplace settings with the goal of improving employee health and potentially human performance. Contact: Office of the Dean, College of Physical Education, Recreation and Health, 454-5616.

Natural and Mathematical Sciences, College of (CONAMS). This academic unit of Towson State University includes departments of biology, chemistry, computer and information science, and mathematics. CONAMS's outreach to industry coordinates industrial research and consulting activities, improves communication between the college and the industrial community, makes industry cognizant of the college's resources for scientific and technical research, and makes available specialized equipment. Participation in this outreach program brings industry the opportunity to obtain economical solutions to scientific and technical problems that demand time, expertise or equipment that may not be available within the industry's permanent resources. CONAMS has a versatile, professional academic staff augmented by special disciplined students who offer an expert consulting and equipment service.

Available to: Business and industry

Fees: Depend on service.

Information:
Towson State University
College of Natural and Mathematical Sciences (CONAMS)
Consulting Research Services
Towson, MD 21204-7097
(301) 321-3659

Non-Profit Management Institute. This one week residential intensive institute for the executives of non profit organizations is held in June at the Aspen Institute at Wye, Maryland. Topics include strategy, marketing, ethics and leadership. The Institute particularly seeks participants from the human service sector. 1988 dates were June 6-12. Co-sponsors: the University of Maryland's College of Business and Management, The United Way of America, and the Aspen Institute.

Available to: Executives and emerging executives in non profit organizations.

Fees: Call for 1989 fee schedule.

Information:
Dr. Patricia D. Stocker
Assistant Dean and Director of Executive Programs
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-2406

Office of Public Service. Quick liaison to the resources you need, if available in the University of Maryland System. Ask for free brochure of UM resources for business and industry, or for copies of this directory. Hotline: 454-3000.

Organizational Behavior and Industrial Relations Program. Find out the latest in the management of organizations, personnel and labor relations, and strategic management from this UMCP academic unit. Consulting by arrangement.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Edwin A. Locke, Chair
Organizational Behavior and Industrial Relations Program
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-5214

Patent Searches. Inventors and businesses interested in patents are invited to use a search service available at UMCP. All U.S. patents from 1944 to date are listed at the Patent Depository Library located at the Engineering and Physical Sciences Library. It is the only one in Maryland officially designated by the U.S. Commissioner of Patents and Trademarks. Free searches of the patent literature data base on an IBM PC are offered through the Engineering Research Center. For more information please call the ERC at 454-7941 or the library at 454-3037.

Public Policy and Private Enterprise. An up-to-the-minute series of speakers on international economic issues is offered by this academic concentration of UMCP's School of Public Affairs. Sample topics of the distinguished guest speakers in 1987's spring series: "Congress in the Year of Trade" and "What's Going Wrong with U.S.-Japan Economic Relations." The series is open to the public; call for a schedule.

Available to: Anyone

Fees: Free

Information:
Public Policy and Private Enterprise
School of Public Affairs
Morrill Hall
UMCP
College Park, MD 20742
(301) 454-6193

Rural Development Center. In the planning stages, a UMES center for enhancement of economic development on the Eastern Shore. For an update, please call the hotline, 454-3000.

Small Business Assistance. Advice and assistance to small business owners or to anyone starting and managing a home-based business. Workshops available to the public by arrangement through the Cooperative Extension Service of the University.

Federal SBA pamphlets and forms explained.

Available to: Anyone

Fees: Expenses only

Information:
Dr. Margaret Ordonez
Cooperative Extension Service
Symons Hall
UMCP
College Park, MD 20742
(301) 454-3603

Small Business Development Center. A source of help if you are starting a new business, expanding an existing one, developing new products or trying to increase profitability. The Small Business Development Center was founded in 1985 and is housed in the College of Business and Management. Its priorities include providing strategic management assistance to area small businesses and conducting research on a variety of small business related topics. The Center is one of a five member University consortium coordinated by Howard University and funded by the Small Business Administration.

Available to: All firms and entrepreneurs of Montgomery and P.G. Counties.

Fees: FREE

Hours: M-F, 9am to 4pm by appointment.

Information:
Mike Ostrow, Director
Small Business Development Center
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-5072

Strategy and Planning Research Group. One of the newest outreach groups to spring up from UMCP's College of Business and Management, the Strategy and Planning Research Group will sponsor the research your company needs in strategy and planning, will bring seminars and workshops to your planners and top managers, and will work one-on-one with selected companies on needed innovative strategy projects. The idea is to encourage closer ties between academic researchers, professional planners and top executives, and to encourage sophisticated strategic planning in Baltimore/Washington organizations.

Available to: Business planners and CEOs.

Fees: By donation: business planning, $850 per day;in-house training, $750 per day plus materials and overhead; strategic planning two-day workshop, $3,000.

Information:
Daniel J. Power, Anil Gupta, Ken G. Smith
Strategy and Planning Research Group
College of Business and Management
UMCP
College Park, MD 20742
(301) 454-6725

Technology Advancement Program. Incubator facility at UMCP for small technically focused start-up companies. See index.

Technology Exposition Career Day. An exciting exposition comes to UMES each April to celebrate everything that's new in technology for such broad areas as construction, manufacturing, communication, energy and transportation. New products are displayed and there are exhibits, speakers and films to explain new methods and discoveries. The 1987 9th annual program featured seminars on laser and fiber optic communication and computer estimating for general contractors, as well as a model rocket launch. More than 30 exhibitors participated. The program is held in the Arts and Technologies Center. Open to the public.

Available to: Anyone
Fees: FREE

Information:
Dr. Leon L. Copeland, Chair
Department of Industrial Education and Technology
P.O Box 1025
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 627 or 271

Technology Extension Service. On-the-road technical assistance for Maryland businesses and industries. See index.

Technology Liaison, Office of. A way of getting UM inventions and discoveries into the marketplace, this office in the UMCP Graduate School works on locating patentable research and matching it to the appropriate private sector entity. An annual reception to honor UM inventors and inventions of the year was initiated in 1988.

Available to: Businesses and industries interested in technological inventions.

Fees: Depend on service.

Information:
Wayne Swann, Director
Office of Technology Liaison
Graduate Studies and Research
South Administration Building
UMCP
College Park, MD. 20742
(301) 454-4002

Textile Comfort Perception Laboratory. Comfort levels in clothing are tested through this UMCP lab to help manufacturers avoid making things that people won't wear a second time. This unique research is made possible by financial support from industry.

Available to: Textile industry

Fees: Depend on service.

Information:
Dr. Norman Hollies
Comfort Perception Laboratory
Textiles and Consumer Economics
2100J Marie Mount Hall
UMCP
College Park, MD 20742
(301) 454-6491 or 2141

Textile Testing Lab, UMES. New in Spring 1986, this $85,000 lab is equipped to conduct major checks for testing physical properties of apparel and fabrics, from strength and abrasion tests to color, wrinkling, wash and flammability tests. Fiber content of any material will be tested for anyone upon request. For information, call Dr. Anugrah Shaw, Department of Human Ecology at UMES, (301) 651-2200

University College's Business Corporate Outreach Council. Coordinates the on-site delivery of programs and services to business, industry, labor unions, government and non-profit groups. Programs range from Technical Management to Marketing Administration. Special credit and non-credit programs can be developed to meet the needs of particular industries and organizations. A state of the art conference center, with lodging, dining and telecommunications facilities is available.

See Center of Adult Education in index.

Available to: Anyone

Fees: Depend on service.

Information:
Tom Janke
Director, Corporate Relations
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7673

University Research Foundation. An off-campus research and development arm of the University System with autonomous contracting and procurement operations, the University Research Foundation is a means of translating state of the art UM technology into practical applications for government and commercial sponsors. Newly established: The Maryland Applied Research Laboratory for laboratory and prototype demonstrations of how basic research projects can become practical products. Recent projects range from the spacecraft applications of atmospheric physics to crime control research.

Available to: Industry and government.

Fees: Depend on service.

Publications: Annual report.

Information:
Norris Krone, Director
University Research Foundation
6411 Ivy Lane, Suite 110
Greenbelt, MD 20770
(301) 345-8664

Writing Institute. Companies and agencies that want to improve the writing of their employees can get help from this vital UMBC center. WI has courses designed uniquely for business and professional organizations, for credit or non-credit, given at your site or on campus, that range from grammar and punctuation for secretaries to the definition of clear style for business executives. For your business communications problems, call on WI's fully qualified faculty to consult. WI also has a select pool of exceptional student writers who can be placed with your business or government agency as work-study interns, a way of providing you with competent writers while giving students an early career start.

Available to: Businesses and agencies.

Fees: Depend on service.

Publications: Free brochure describing services.

Information:
Dr. Robert Ochsner, Director
Writing Institute
Department of English
UMBC
Baltimore, MD 21228
(301) 455-2384

Writing Hotline:
(301) 455-2585, M-F, 10am to noon

BIOTECHNOLOGY

Agricultural Biotechnology. Industries interested in the applications of molecular biology to such problems as milk secretions or immune systems of cattle, manufacture of monoclonal antibodies in animal disease diagnosis, or embryogenesis in genetically engineered crops, UM points of contact include the Agriculture Biotechnology Center, 454-6056, and the Agricultural Experiment Station, 454-3707.

Analytical Biochemistry Center. UMBC composite center for biochemical analysis houses the National Mass Spectrometry Laboratory, a 500 mHz NMR system, EPR and other spectroscopic instrumentation. Provides state-of-the-art capabilities to scientists from academia and industry across the U.S.

Available to: As above

Fees: Depend on service.

Information:
Dr. Catherine Fenselau
Analytical Biochemistry Center
Chemistry Department
UMBC
Baltimore, MD 21228
(301) 455-2505

Applied Molecular Biology Program. A fascinating opportunity for those with a bachelor's in an appropriate science. This two-year course of study at the Baltimore County campus trains people in molecular genetics, hybridoma technology, and recombinant DNA research techniques—and leads to a master's degree. The aim is to provide manpower below the Ph.D. level for this rapidly emerging new field.

Available to: College graduates with degrees in Biology, Biochemistry, or Chemistry.

Fees: Standard tuition

Information:
Dr. Richard E. Wolf, Director
AMB Program
Department of Biological Sciences
UMBC
Baltimore, MD 21228
(301) 455-2269

Bioprocess Scale-Up Facility. New in Fall 1985, this UMCP facility allows companies working with small amounts of materials to conduct tests and clinical trials with greater volumes so that they can assess the impact of large scale production. Sophisticated control and data collection strategies are used in this joint venture between the Engineering Research Center and the Department of Chemical and Nuclear Engineering.

Available to: As above

Fees: Depend on service.

Publications: Free brochure on request.

Information:
Edward M. Sybert
Director
Bioprocess Scale-Up Facility
UMCP
College Park, MD 20742
(301) 454-7941

Biotechnology Center, UMBC. In Fall 1988 an expanded biotechnology center will incorporate the existing applied biotechnology program with an extension of the Bioprocess Scale-Up Facility from UMCP (above). Among the new services this center will provide is the ability to culture tough-to-grow mammalian cell cultures and to work with genetically altered organisms. Full-time researchers will work on solutions to problems faced by the biotech industry. For more information, call the hotline, 454-3000.

Biotechnology International Program. Looks for opportunities abroad for U.S. biotechnologies. See index.

Chemical Physics Program. A program for UMCP graduate students in chemical physics. Scientists and the public are invited to attend FREE weekly seminars in chemical physics/physical chemistry and statistical physics/thermo physics. Consulting and applied research opportunities are welcomed in such areas as spectroscopy, LIDAR charged particle scattering, critical phenomena, laser induced chemical reactions, space science, and bio-, thermo-, and aerosol physics.

Available to: Interested parties

Fees: Depend on service.

Information:
Dr. Michael A. Coplan, Director
Chemical Physics Program
UMCP
College Park, MD 20742
(301) 454-3839

Chemistry and Biochemistry, Department of. This UMCP academic unit is a resource to concerned agencies and businesses for consulting and expertise on subjects ranging from atmospheric chemistry to vacuum technology.

Available to: Interested parties

Fees: Depend on service.

Information:
Dr. Paul H. Mazzocchi, Chair
Department of Chemistry and Biochemistry
1309 Chemistry Building
UMCP
College Park, MD 20742
(301) 454-4114

Chemistry Library. Separate library on the College Park campus covers major subject areas of chemistry and microbiology. See index.

Institute for Physical Science and Technology. Provides UM with a mechanism for scholars from a variety of academic departments to move across those borders. The Institute strives for intellectual ferment where scientists, engineers, and creative people from other areas work together on exciting developments in science and technology. Current problems being addressed are in the areas of: applied mathematics and dynamics (including 'chaos'), statistical physics, optical physics, space plasmas, upper-atmosphere physics and more. The Institute is a center for optical physics, including high-powered scientific lasers. Tours of the spectroscopic facility and the space plasma laboratory may be arranged.

Available to: UM personnel, private and public organizations.

Fees: Varied fees for facilities use.

Information:
Dr. Lawrence C. Krisher
Institute for Physical Science and Technology
Space Sciences Building
UMCP
College Park, MD 20742
(301) 454-2705

Maryland Biotechnology Institute (MBI). This University of Maryland System-wide unit brings to bear the rich resources and expertise of the entire University on the promising biotechnology industry. The Institute works to make research advances and to attract experts and companies to the state. Established in 1984, the MBI has five diverse parts created as partnerships between the University, government and industry. They are: the Center for Agricultural Biotechnology (CAB), the Center for Advanced Research in Biotechnology (CARB), the Center of Marine Biotechnology (COMB), the Medical Biotechnology Center (MBC), and the Program for Public Issues in Biotechnology (PPIB). Please see separate listings below.

Available to: Interested parties.

Fees: Depend on service.

Publications: Brochures and reports upon request.

Information:
Dr. Rita R. Colwell, Director
Maryland Biotechnology Institute
Microbiology Building
UMCP
College Park, MD 20742
(301) 454-8119

(MBI) Center for Agricultural Biotechnology/CAB. With a potential facility scheduled near the USDA in Beltsville, the Center is currently located on the College Park campus where UM scientists are working with researchers of the U.S. Department of Agriculture to apply biotechnology to farming. The search is on for genes that will help plants resist bacteria, frost, and insects and lead to a transformation and re-strengthening of world agri-business. In 1988 The Center hosted the first of its kind three-day international symposium on biotechnology's uses for food quality, co-sponsored by USDA and DuPont.

Available to: Interested parties.

Fees: Depend on service.

Publications: Brochure and reports upon request.

Information:
Dr. Shain-Dow Kung
Acting Director
Center for Agricultural Biotechnology
H.J. Patterson Hall
UMCP
College Park, MD 20742
(301) 454-6056

(MBI) Center for Advanced Research in Biotechnology/CARB. Think of CARB as a forum for collaboration. While universities traditionally produce independent research, and companies work on product development, CARB will bring them together to develop new techniques for meeting the needs of the area's biotechnology boom. Located at Shady Grove Life Sciences Center in Montgomery County near NIH, the FDA, the USDA, and the heart of a major U.S. commercial biotechnology development center, CARB is focusing its initial thrust on the rapidly emerging fields of protein engineering and rational drug design. Established by the University in cooperation with the National Institute of Standards and Technology, Montgomery County and the private sector, CARB will integrate a multidisciplinary team of scientists and engineers with state-of-the-art instrumentation and facilities—including NBS's neutron diffraction facility and new CYBER 205 supercomputer. CARB is part of the University's Maryland Biotechnology Institute.

Available to: Concerned parties

Fees: Depend on service.

Publications: Brochure on request.

Information:
Dr. Thomas L. Poulos, Director
Center for Advanced Research in Biotechnology
9600 Gudelsky Drive
Rockville, MD 20850
(301) 975-4509

(MBI) Center of Marine Biotechnology/COMB. The world's first center concentrating on genetic engineering of sea creatures is sited at the Harbor Campus of the Community College of Baltimore, conveniently located near the National Aquarium and The Johns Hopkins University for scientific interaction. Under a $6.5 million five-year grant from the U.S. Office of Naval Research, UM's top talent in marine biotech are trying to break a genetic code to prevent barnacles and bacteria from destroying submerged hulls. They are also working on sea farming, cloning fish growth hormones, and increasing oyster yield. Already patented: a marine glue for bonding fiberglass and other materials exposed to sea water.

Available to: Interested parties.

Fees: Depend on service.

Publications: Brochure and reports upon request.

Information:
Dr. Fred Singleton
Executive Director
UM Center of Marine Biotechnology
600 East Lombard Street
Baltimore, MD 21202
(301) 783-4800

(MBI) Medical Biotechnology Center/MBC. Presently located on the University's professional campus in Baltimore, the Medical Biotechnology Center provides an essential link between basic medical research and human health—the production and modification of microorganisms and molecules. Current research: vaccine development/AIDS/immunology; bioimaging/biosensing/bioanalysis; DNA metabolism; and neuroscience/neuropharmacology. The MBC's labs include a protein sequencing facility, a biopolymer facility, and a fermentation microbiology and engineering set-up. Public lecture series on genetic engineering issues are offered periodically.

Available to: Interested parties.

Fees: Depend on service.

Publications: Brochure and reports upon request.

Information:
Dr. Myron M. Levine
Dr. Maimon Cohen
Acting Co-Directors
Medical Biotechnology Center
Room 9-34, School of Medicine
UMAB
Baltimore, MD 20101
(301) 328-8181

(MBI) Program for Public Issues in Biotechnology/PPIB. The fifth component and the "conscience" of the Maryland Biotechnology Institute, this Program located at UMBC formulates questions—and addresses them—about public issues generated by the new uses of biotechnology and genetic engineering. The Program further takes the responsibility of informing the lay public, policy makers and scientists of results of analyses and conclusions from its examination of legal, economic, social, political, philosophical and scientific aspects of each issue. Samples of current topics: patenting life forms, regulation of biotechnology risk, role of local and state government in regulation, use of human body parts for research, principles governing decisions to release genetically engineered organisms into the environment, effects of research and industrial parks on local institutions and culture.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Marvin Rogul
Program for Public Issues in Biotechnology
UMBC
Baltimore, MD 21228
(301) 455-3733

Mass Spectrometry Center. Determines the structure of unknown chemicals and provides quantitative measurements of drugs and chemicals from a variety of sample sources. The Center's focus is on both basic and applied research, increasing analytical services on the UMAB campus and supporting expanded mass spectrometry related research activities in the larger scientific community.

Available to: Anyone

Fees: $65 per hour.

Information:
Patrick S. Callery, Ph.D.
Director
Mass Spectrometry Center
School of Pharmacy
UMAB
20 N. Pine Street
Baltimore, MD 21201
(301) 328-2980

Microbiology Department. Information, materials and sample cultures are sent FREE to schools upon request by this UMCP academic unit. Faculty members act as Science Fair judges and speakers on aspects of microbiology.

Available to: Concerned parties.

Fees: FREE

Information:
Dr. Sam W. Joseph
Professor and Chair
Microbiology Department
Skinner Building
UMCP
College Park, MD 20742
(301) 454-5023

National Mass Spectrometry Laboratory. National lab established at UMBC by NSF contains a unique tandem mass spectrometer especially fabricated to provide molecular weight determinations and structure information on biopolymers, chemical polymers and other organic samples. Under computer control: capabilities for fast atom bombardment, matrix-assisted molecular SIMS, laser desorption, collisional activation, photofragmentation, neutralization reionization and array detection. System complete in late 1988. The National Mass Spectometry Lab at UMBC is interactive with the Middle Atlantic Mass Spectrometry Society at Johns Hopkins, also an NSF national laboratory.

Available to: Scientists from academia and industry across the U.S.

Fees: Depend on service.

Information:
Dr. Catherine Fenselau
National Mass Spectrometry Laboratory
Chemistry Department
UMBC
Baltimore, MD 21228
(301) 455-2505

HIGH TECH: COMPUTERS

Applied Computer Science Program. Learning opportunities for working people in the UMES area who went to school before computers took over the world. Program begins with an intensive introductory course and leads to a masters degree. New in Fall 1985. For more information, please call (301) 651-2200, ext. 648 or 649.

Artificial Intelligence. UMCP is a hotbed of "thinking machine" research. Two primary AI centers are UMCP's autonomous Center for Automation and the Computer Science Department's AI and Database Laboratory. More AI possibilities: see UMIACS and the Systems Research Center. Or call the hotline, 454-3000.

Automation Psychology Lab. Conducts research with human subjects on how they interact with computers. Government, industry and organizations may contract for studies or consulting on human factors guidelines for use of computers. Current work is being done for AT&T, NSF, and American Voice of Robotics. The Lab uses Menu-Selection Prototyping System which creates and displays menu-driven data bases for experimentation on users. The Lab is affiliated with the Human/Computer Interaction Lab of the UMCP Center for Automation Research.

Available to: Concerned agencies or businesses.

Fees: Depend on service

Information:
Kent L. Norman
Department of Psychology
3111 Zoo-Psych Building
UMCP
College Park, Maryland 20742
(301) 454-6388

BITNET. Links the University of Maryland with other university computer networks across the country and with some in Europe for transmitting data. If your company needs research information from 'out there,' tap in at UMCP. BITNET is an acronym for Because It's Time- the answer to "why use BITNET?" For more information, please call the consulting lab at UMCP's Computer Science Center, 454-1500, or the hotline, 454-3000.

Braille Computer Terminal. A computer terminal is available for use in the Computer Science Center by all visually impaired UMCP students, and under certain conditions by any visually impaired person in the state. Located in User Services. For information, please call 454-4255, or the hotline 454-3000.

Bridge Engineering Software (BEST) Center. A new—in Spring 1986—computer aided design center specializing in the development, dissemination, and implementation of software relating to bridge and highway structures. Current software includes programs for eight major systems unique in the United States. Software services available to engineers designing complex structures: time sharing, software leasing, actually processing the engineering data, and developing new programs or enhancing existing ones. The BEST Center is a joint project of UMCP's Engineering Research Center and the Department of Civil Engineering. For more information, please contact Dr. David Barbe, 454-7941.

Center for Automation Research. Because robots have catapulted from a sci-fi fantasy into an economic necessity, the Center for Automation Research was created at UMCP in Spring 1983 for the study of industrial and business automation. It has been awarded two grants of over $1 million each:the first, to study accuracy of robots for technological tasks; the second, to develop vision and navigation systems of outdoor robots. There are four laboratories that compose the Center: the Business Automation Lab, the Computer Vision Lab, the Human Computer Interaction Lab, and the Robotics Lab. The Center also maintains close ties with

other related research groups at the University, including: the Laboratory for Computer Aided Design in the Department of Electrical Engineering, the Database Systems Research Laboratory in the College of Business and Management, the Machine Intelligence and Pattern Analysis Laboratory in the Department of Computer Science, and the Laboratory for the Study of Psychological Aspects of Automation in the Department of Psychology.

Available to: Business, industry, governmental agencies.

Fees: Depend on service.

Publications: Free brochure.

Information:
Dr. Azriel Rosenfeld, Director
Center for Automation Research
Computer Science Center
UMCP
College Park, MD 20742
(301) 454-4526

Center for Excellence in Space Data and Information Sciences (CESDIS). A nerve center for a network of researchers from university, industry, and government computer science departments from across the country. The center is a partnership between NASA where it is located, the Universities Space Research Association and UMCP. Information from the hotline, 454-3000.

Center for Instructional Development and Evaluation. Designs computer-based high tech delivery systems for the University's academic resources. See index.

Center of Intensive Computation (CINCOM). A unique shared-funding project that permits access for University research groups to a Digital Equipment VAX 11785-FPS 164 system. Prospective users may contact Dr. Glenn Ricart, 454-8800.

Clearinghouse for Computers in Education in Maryland. See index.

Computer Aided Design Laboratory (CAD). State-of-the-art facility available to industry through the Engineering Research Center. Companies may establish a research partnership, have custom software developed, request special seminars or hands-on workshops, or engage special engineering projects including finished drawings. For more information please contact Joseph Naft, Director, 454-7941.

Computer Aided Manufacturing. Learn industrial applications of CNC Programming, being introduced as a new course at our Eastern Shore campus in Spring 1988.

Available to: Engineering and technical personnel.

Fees: $350, includes materials and lab costs.

Hours: Evening

Information:
Dr. Leon Copeland, Chair
Industrial Education and Technology
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 627

Computer Laboratory, BSOS. Besides its main support function of facilitating use of computers by faculty and students of the Behavioral and Social Sciences College, UMCP, the Computer Laboratory keeps current a large number of data bases used by social scientists. Short courses on computer use are offered regularly. The Computer Laboratory supervises and equips seven computer laboratories of the BSOS college, including digitizing and plotting equipment as well as graphics terminals and microcomputers. Robert L. Bennett, Director.

Available to: As above

Fees: Depend on service.

Publications: Manuals: *A Guide to Computing for Social Scientists, Use of SPSS on the UNIVAC Computer, Production of a Document: A Quick Guide to DPS,* and *Software for Computer Assisted Mapping.*

Information:
Shirley Norton
Manager
BSOS Computer Laboratory
0221 LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-3543

Computer Mapping & Spatial Analysis Laboratory. If your project is mappable, or map oriented, here is UMCP's foremost resource for comprehensive mapping and graphic services and geographic information systems. The Laboratory uses five digitizers, four plotters, a color film recorder and state-of-the-art software including ARC/INFO, GIMMS, AUTOCAD, and ATLAS-GRAPHICS. Locally created software includes CHOROMAP which displays Maryland data. The Laboratory has provided major technical services to the Maryland Departments of State Planning and Natural Resources, as well as many private organizations and federal government agencies.

Available to: Anyone

Fees: Depend on service.

Publications: Brochure describing service, FREE on request.

Information:
Dr. Derek Thompson
Computer Mapping & Spatial Analysis Laboratory
Department of Geography
1127 LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-2244

Computer Science Center. Located in the Computer Science/Space Sciences Building on the College Park Campus, the Computer Science Center consists of three parts. The first, **User Services** offers 1) a Program Library (Room 2337) that contains documentation on hardware/software of the Computer Science Center, books, journals, technical reports and computer programs, 2) Fiscal/Procurement, 3) Data Entry, 4) Publication Production Office that performs text entry and phototypesetting, 5) programming consultants for holders of CSC computer accounts who will aid in debugging programming/systems problems or in designing/writing computer programs for specific applications, and 6)optical scanning of mark sensitive test or questionnaire forms. Consultation in computer programming is available to Maryland local governments and schools upon request, and short non-credit computer courses in the use of CSC's Univac 110092 computer and IBM 4341, IBM 4381, IBM 3081 computers are offered each semester, including summer, at fees ranging from $10 to $25. **Operations** employs computer hardware for research and class instruction and provides computer facilities at remote sites. **Systems** is responsible for developing and maintaining the system's software. Dr. Glenn Ricart, Director.

Available to: Operations-University faculty and students, state agencies. Consultation and short courses-anyone.

Fees: Please call for schedule, 454-4250.

Hours: Operations-24-hour daily service.
User Services-M-F, 8am to 4:30pm.
Program Library-M-F, 8:30am to 4:30pm.

Publications: Bi-monthly newsletter informs CSC users of new software, hardware and policies; Computer Science Abstract Series, produced quarterly, outlines the most recent technical reports written by Computer Science faculty and researchers. Contact the Publications Office to be placed on the mailing lists for either of these publications.

Information:
W. R. Gilbert
Assistant Director, Systems
(301) 454-2946
E. J. Michener
Assistant Director, Operations
(301) 454-2943
Jennifer Fajmen
Assistant Director, User Services
(301) 454-4259
Computer Science Center
UMCP
College Park, MD 20742

Computer Science, Department of. Ranked sixth by the National Academy of Sciences among public university programs, this UMCP graduate and undergraduate degree-granting program has a research budget of over $5 million supporting the study of artificial intelligence, theory of computation, computer systems, database systems, human factors engineering, numerical analysis, performance evaluation and software engineering. The autonomous unit UMIACS (see separate listing) is a unique complement to departmental activities. Affiliations with corporations are maintained through the department's Industrial Associates Program (see separate listing). The department hosts a lecture series each spring which is open to the public without charge.

Available to: As above.

Fees: Depend on service.

Publications: FREE brochure, program calendars.

Information:
Dr. Victor R. Basili
Chairperson
Department of Computer Science
A. V. Williams Building
UMCP
College Park, MD 20742
(301) 454-8800

Computer Vision Laboratory. This UMCP lab provides computer image input-output services. This means that pictures or maps can be converted into digital form, or digital information into pictures or maps. A very special genre of computer science, the Computer Vision Lab's work has ranged from NASA projects to radio maps of the galaxy for the campus Astronomy Department The Computer Vision Lab is part of the University's Center for Automation Research. Dr. Azriel Rosenfeld, Director.

Available to: Anyone (facilities permitting).

Fees: $100 hr.

Information:
Andrew Pilipchuk
Facilities Manager
Computer Vision Laboratory
Computer Science Center
UMCP
College Park, MD 20742
(301) 454-4526

Data Base Systems Research Center. Located in UMCP's College of Business and Management. See index.

Industrial Associates Program (IAP). UMCP's top-10 ranked Computer Science Department has joined with the Center for Automation Research and the University of Maryland Institute for Advanced Computer Studies (see index) to offer an expanded program of collaborative research and information exchange to industrial affiliates. Benefits include: collaborative research projects, research seminars for affiliates, invitations to specialized workshops and conferences, consultation with faculty, copies of all technical reports produced, and recruiting programs. Dr. Victor R. Basili, Chair, Computer Science; Dr. Larry Davis, Director, UMIACS; Dr. Azriel Rosenfeld, Director, Center for Automation Research.

Available to: Private sector

Fees: $10,000 to $50,000.

Publications: IAP brochure, Computer Science Research brochure, annual report.

Information:
Nancy Lindley
Industrial Associates Program (IAP)
4115 Computer Science Building
UMCP
College Park, MD 20742
(301) 454-2002

Information Systems Management Program. New to UMBC in 1980, this academic unit is capable of providing assistance to state governments, schools and businesses in information technology, office automation, and systems analysis.

Available to: Concerned parties

Fees: Depend on service.

Information:
E. R. Lannon, Associate Program Director
IFSM
459 Academic Four
UMBC
Baltimore, MD 21228
(301) 455-3206

Institute for Advanced Computer Studies (UMIACS). Begun in early 1985 and located on the College Park campus, UMIACS serves the entire University of Maryland system as a focal point for research activities in computing. UMIACS conducts research in parallel processing, artificial intelligence and neurocomputing. It jointly operates a Parallel Processing Laboratory with the Center for Automation Research. The Lab houses a butterfly parallel processor and a connection machine. UMIACS participates in the Industrial Associates Program which facilitates collaboration with private sector organizations. UMIACS sponsors short courses, a distinguished lecturer series, workshops, and conferences.

Available to: Concerned parties

Fees: Depend on service.

Publications: Free brochure, events calendars, technical reports, annual report.

Information:
Dr. Larry S. Davis, Acting Director
UMIACS
Computer Science Building
UMCP
College Park, MD 20742
(301) 454-4526

Laboratory for Parallel Computation. UMCP's new Laboratory for Parallel Computation centers around the super ZMOB, a parallel computer with over two hundred Z80 processors arranged in a

specially designed communication ring. Information can be passed around the ring so rapidly that the system can assimilate arbitrary patterns of communication among the individual processors. Under a $4.5 million grant from NSF, new procedures for solving problems in image processing, numerical computation, and knowledge-based systems will be developed.

Available to: Concerned parties.

Fees: Depend on service.

Information:
Dr. Ashok Thareja
Laboratory for Parallel Computation
Computer Science Department
UMCP
College Park, MD 20742
(301) 454-7690

Supercomputer Center. The University is one of 18 charter members of the San Diego Supercomputer Center established by the National Science Foundation. University researchers have access to the Cray X-MP48 system, the fastest general purpose supercomputer now in use. For an update, call the hotline, 454-3000.

Supercomputer Research Center. This national center for supercomputer research is the centerpiece of the University's new Maryland Center for Science and Technology, the "research park" near Bowie. The Center is operated under the auspices of the National Security Agency. For an update, call the hotline, 454-3000.

SURAnet. UM is one of 16 universities in the Southeastern Universities Research Association, the first regional network of NSFnet, a national scientific network being established by the National Science Foundation. SURAnet provides collaborative electronic communication tools to American scientists and engineers through access to NSF's five supercomputer centers. (See Supercomputer Center above.) For an update, call the hotline, 454-3000.

Systems Research Center. Prestigious UMCP center designs electronic systems for computers, among other engineering technologies. See index.

University College Computer Center. Provides administrative and instruction research computer support to administrators, instructors, researchers and students of University College. Offers technical consultation on acquisition of mini- or micro-computers to anyone outside the University.

Available to: As above

Fees: FREE

Information:
T. Michael Rooney, Director
University College Computer Center
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7331

HIGH TECH: ENGINEERING

Aerospace Engineering, Department of. Seminars on aerospace topics sponsored by this UMCP academic unit are FREE, open to the public. Schedule upon request. The department owns a number of research tools which are available to engineering firms or individuals on an intermittent basis. These include large and small wind tunnels of various types, structures testing equipment, and a low capacity tensile testing machine. Charges depend on the number of hours of operation and amount of support service required. The department has been designated a Center of Excellence in rotorcraft technology. It offers an M.S. and a Ph.D. program.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. Alfred Gessow, Chair
Department of Aerospace Engineering
UMCP
College Park, MD 20742
(301) 454-2426

Architecture and Engineering Performance Information Center. The ultimate objective of AEPIC is the reduction of performance problems in buildings and other constructed facilities. Information about all failures—from something as catastrophic as the collapse of the sky walks in the Kansas City Hyatt Regency to something as relatively minor as the premature deterioration of masonry walls—is gathered, analyzed and reported by this UMCP unit. More than 5,000 examples of reported building failures are already stored in AEPIC's data base, and a reference library is maintained. Anyone having an experience in the failure of buildings, engineering works, systems or materials is urged to call.

Available to: Anyone

Fees: Subscription-membership fee plus user charges.

Information:
John Loss, Executive Director
AEPIC
3907 Metzerott Road
UMCP
College Park, MD 20742
(301) 935-5544

Automated Construction. A study to automate the ancient art of stone-cutting—using computer graphics, CAD, computer controlled machine tools, robotics and artificial intelligence—is giving researchers at UMCP the knowledge to automate more modern construction, such as cutting and assembling wooden roof trusses and bending steel and pipe spools. An exemplary partnership between UMCP departments of mechanical and civil engineering, the robotics laboratory, the National Institute of Standards and Technology, and stone-cutting consultants from Italy. More information from the hotline, 454-3000.

Bridge Engineering Software (BEST) Center. UMCP's new computer aided design center for software used in bridge and highway construction. See index.

Center for Rotorcraft Education and Research (CRER). Funded as a Center of Excellence by the Army Research Office, this UMCP unit conducts research to advance rotorcraft technology and provide a source of skilled practitioners and teachers to the rotorcraft industry, government, and universities. Facilities include a fully instrumented rotor test rig with remote controls for aerodynamic testing in UM's Glenn L. Martin Wind Tunnel. Software available to analyze the aerodynamics, dynamics and flight behavior of helicopters. Occasional colloquia and consulting by request.

Available to: Concerned agencies or businesses.

Fees: Depend on service

Information:
Dr. Alfred Gessow
Center for Rotorcraft Education and Research
College of Engineering
UMCP
College Park, MD 20742
(301) 454-8769

Central Facility for Microanalysis. Home of UMCP's electron microscopes, this unit will perform microanalytical investigations for consulting and collaborative research projects. It is staffed by specialists in scanning electron microscopy and x-ray analysis. Noncredit training can be arranged at cost; individual assistance $35 to $75 per hour by arrangement. A laboratory for sample preparation is available without charge for microscope-users. Open houses are available for the public.

Available to: Concerned parties

Fees: As above

Publications: Newsletter, on request.

Information:
Gene Taylor, Director
Central Facility for Microanalysis
0128 Engr. Classroom Building
UMCP
College Park, MD 20742
(301) 454-2378

Chemical Process Systems Laboratory. This UMCP chemical engineering lab does research and training in areas of chemical process systems, including control, analysis, optimization, and simulations. Faculty may be called upon to consult, and a short course is offered biennially.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. T. J. McAvoy
Chemical Process Systems Laboratory
Department of Chemical Engineering
UMCP
College Park, MD 20742
(301) 454-4593

Construction Engineering and Management Program. This UMCP interdisciplinary academic unit offers a wide variety of services to the construction industry, including short courses in the training you need, consultants on specific construction management problems, and a distinguished lecture series (see John J. Kirlin, Inc. Lecture Series in this section). Available helps: microcomputer laboratory, civil engineering material testing lab, time-lapse photographic equipment and extensive library system. If you need student interns for various construction engineering and management positions, check here. Dr. Daniel Halpin, Director.

Available to: Interested companies or persons.

Fees: Depend on service.

Publications: FREE reprints of John J. Kirlin, Inc. Lecture Series presentations.

Information:
Dr. Mark Smith
Department of Civil Engineering
UMCP
College Park, MD 20742
(301) 454-7388

Cooperative Engineering Education. UMCP engineering students work one semester in their field, go to school the next, under this special program. See index.

Engineering Jobs Hotline. Part-time opportunities are listed with the Engineering Research Center and updated frequently. Call 454-7676.

Engineering Library, UMCP See index.

Engineering Program, UMBC. Accredited in Summer 1988, this new academic unit at UMBC looks forward to more links with the private sector and celebrates with a First Annual Engineering Day in November featuring a mini-symposium on areas of UMBC engineering excellence. Information, Dr. Severino L. Koh, Associate Dean of Engineering, 455-3270.

Engineering Program, UMES. This academic unit on the Eastern Shore campus is a smaller replica of the UMCP College of Engineering's first and second year curricula in Mechanical, Electrical, Aerospace, Chemical and Nuclear, and Agricultural Engineering, and orients students toward computer-aided design techniques. Workshops in engineering are offered to high school students, teachers, and the interested public. A special emphasis is scholarship support to minorities and women who want to pursue careers in engineering. Local firms or industries with engineering components, ask about the work-study program.

Available to: As above

Fees: Depend on service.

Information:
Dr. Abraham D. Spinak, Director
Engineering Program
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 615

Engineering Research Center. A major vehicle for extending the technical expertise of the University System to business and industry throughout the State, the ERC operates four programs designed to serve the interests of business, all listed separately in the index: **1) Technology Extension Service** has six offices throughout the State which provide free on-site assistance to industry on technical problems. **2) Technology Advancement Program** is a small business "incubator" which offers assistance to technically oriented start-up companies. **3) Technology Initiatives Program** promotes the development of advanced University research capabilities in technical areas of industrial relevance and establishes programs between the University and industry. **4) Maryland Industrial Partnerships Program (MIPS)** provides matching funds, on a competitive basis, for joint industry-university research projects in areas of importance to Maryland companies. Areas of current interest include microelectronics, computer aided design, manufacturing technology, communications, composite fabrication and analysis, biotechnology scale-up, and others. Dr. Herbert Rabin, Director.

Available to: Industry, business, governmental agencies.

Fees: Depend on service.

Publications: FREE brochures, annual report.

Information:
Dr. David Barbe, Executive Director
Engineering Research Center
2104 Wind Tunnel Building
UMCP
College Park, Md 20742
(301) 454-7941

Fire Protection Engineering, Department of. Faculty of this UMCP academic unit conduct research and will consult in areas of fire fighting foams, materials performance under fire conditions, human behavior dynamics in fire incidents, and public fire service evaluation. Ask about summer seminars and the availability of student interns. A pyrodynamics laboratory and library are available.

Available to: Anyone with professional interest.

Fees: Depend on service.

Information:
Dr. John L. Bryan, Chair
Department of Fire Protection Engineering
0147 Engineering Building
UMCP
College Park, MD 20742
(301) 454-2424

Glenn L. Martin Wind Tunnel. The wind tunnel is used to test the aerodynamics of automobiles (including "car of the year" Ford Taurus), ship hulls, trucks, airplanes, parachutes, radar and other antennas, signs and high tension wires. Simulating the flight performance of large migratory birds in order to find the best aerodynamic design for transmitters used to track them was one of the Wind Tunnel's most unusual assignments. Other aerospace engineering services include model design and construction, consulting and management. Facility houses a special library collection in aerodynamics and flight operation.

Available to: Anyone

Fees: Estimates upon request. FREE group tours may be arranged.

Publication: *Solving Problems Through Advanced Technology*, on request.

Information:
Dr. Jewel B. Barlow, Director
Glenn L. Martin Wind Tunnel
Building 081
UMCP
College Park, MD 20742
(301) 454-2413

Hypersonic Aerodynamic Institute. This UMCP research unit will investigate high-speed (flight velocities above Mach 5) vehicle concepts including global mission transatmospheric vehicles and aero-assisted orbital transfer vehicles. For an update, please call the hotline, 454-3000.

Incubator for Small Businesses. See Technology Advancement Program.

Instructional Television System. Engineering and other courses televised. See index.

John J. Kirlin, Inc. Lecture Series. Brings speakers of unique talent and recognized success in engineering or construction management to UMCP twice a year. The lectures are open to the public without charge, and free reprints of the presentations are available upon request. For more information, please call Dr. Mark Smith, 454-7388.

Laboratory for Radiation and Polymer Sciences. UMCP has the only academic center dedicated to radiation engineering. This esoteric lab provides industrial and federal users of ionizing radiation with fundamental research, product and process development techniques, and source technology services. Scientific consulting or the support of specialized technicians is available by arrangement.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. J. Silverman, Director
Laboratory for Radiation and Polymer Science
Department of Chemical and Nuclear Engineering
UMCP
College Park, MD 20742-2111
(301) 454-7368 or 2493

Model Nuclear Reactor. In the middle of a concrete bay at the rear of the UMCP Chemical and Nuclear Engineering Building, a 15-foot-high model of a nuclear reactor has been constructed. It is a model simulating the accident stricken Unit No. 2 at Three Mile Island and about a dozen other nuclear-fueled electric power plants in the U.S., and is only 1/500 of their size by volume. University researchers are running the model through a series of tests and experiments that would be impossible at a working nuclear plant, to try to make safer this sophisticated power source. Government and industry will have access to all data generated for large thermal-hydraulic computer codes.

Available to: As above

Fees: N/A

Information:
Dr. Y. Y. Hsu
Department of Chemical and Nuclear Engineering
UMCP
College Park, MD 20742
(301) 454-2436

National Technological University. UMCP is a member of this national consortium of colleges and universities which use advanced telecommunications technologies to deliver continuing and graduate education to engineers at their work places. See Instructional Television System in index.

Nuclear Engineering, Department of. Consulting, training, and speakers on the hot topic of nuclear power may be obtained through this UMCP academic unit. **Training:** reactor operator training and health physics; lab training on a case-by-case basis in neutronics, radiation measurements, activation analysis. **Speakers:** regular program on subject of nuclear power, its benefits and effects, offered in conjunction with the ANS student chapter; Tuesday morning Nuclear Engineering Seminar, open to the public, 11a.m.; or call and arrange your own speaker/slide show by appointment in the area of nuclear power-no fee. **Consulting:** in fields related to nuclear power engineering, such as reactor safety and risk analysis, may be arranged with individual faculty, fees approximately $40 to $50 per hour.

Available to: Anyone

Fees: As above

Information:
Dr. F. J. Munno, Director
Department of Nuclear Engineering
UMCP
College Park, MD 20742
(301) 454-2812

Nuclear Science Program. A extraordinary example of UMUC's ability to take training to the user, this program for senior reactor operators leads to a bachelor's degree with a primary concentration in nuclear science and is taught entirely on utility sites around the country through self-paced, multi-media instruction and independent study. Instructors are on tap through site visits, telephone and computer terminal.

Available to: As above.

Fees: UMUC tuition.

Information:
Nuclear Science Program
Center of Adult Education
UMUC
College Park, MD 20740
(301) 985-7473

Photonics Research Laboratory. An exciting new partnership effort between UMBC and Martin Marietta Laboratories is this state of the art lab where scientists from each perform joint research on optical communication, optical signal processing, and ultra high speed electronic research.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Yung Jui (Ray) Chen
College of Engineering
UMBC
Baltimore, MD 21228
(301) 455-3549

Summer Employment Program. Supplies you, as the employer, with the credentials of top-ranking engineering, computer science and physics students interested in summer jobs in their fields. For more information, please contact Elaine Berg, program coordinator, in the Engineering Research Center, at 454-7941.

Systems Research Center. Established in 1985 by a $16 million NSF grant, the Systems Research Center (SRC) at the University of Maryland and Harvard University provides a unique opportunity for fundamental systems engineering research and education. Emphasis is on the development of system level design tools for automation and information processing systems in the applications of very large scale integration, computer-

aided engineering, and artificial intelligence to design high performance, electronic systems for automatic control and communications. Research at the SRC is performed by an interdisciplinary team of scientists, engineers, and researchers from seven departments. The Center seeks to change the traditional focus of engineering education to one that emphasizes both traditional education and practical experience through training. A new M.S. program in Systems Engineering was initiated in Fall 1987 and an industry fellowship program in 1988. An extensive series of seminars and colloquia, free to the public, is offered including an annual research review conference each spring. The Systems Research Center has a vigorous collaboration program with industry, government laboratories, and international research organizations. At present there are 17 Industrial Affiliates including major commitments by Martin Marietta, Contel, Texas Instruments, and others.

Available to: Concerned parties

Fees: Vary

Publications: Brochure, technical research reports, quarterly newsletter "Systems Signals" on request.

Information:
Dr. John Baras, Director
Systems Research Center
2167 A. V. Williams Building
UMCP
College Park, MD 20742
(301) 454-6876

Technology Advancement Program. TAP is a small-business incubator facility providing low cost lab and office space and both technical and business support services for technically focused start-up companies. With its original facility on the College Park campus and another cooperative facility soon to come on the UMBC campus, TAP is a component program of the University of Maryland Engineering Research Center. Access to faculty, computer resources, laboratories, libraries and other University System-wide resources gives participating companies a supportive and intellectually stimulating environment in which to pursue technical development. TAP is growing to accommodate 22 companies in 1988. Participants are selected through a competitive screening process which includes an examination of both technical and business factors. An off-campus affiliates program is available as well. The incubator graduated its first company in August 1987 when VITeq moved out to set up a manufacturing operation in Lanham, Maryland.

Available to: Technically oriented start-up companies.

Fees: Depend on service.

Information:
Norman Schiff, Director
Technology Advancement Program
Building 335
UMCP
College Park, MD 20742
(301) 454-8827

Technology Extension Service. TES, a major activity of the Engineering Research Center, provides technical assistance to Maryland businesses and industries through its UMCP central office and five regional offices. This usually free assistance may include problem identification, technical information transfer, vendor connections and/or direct engineering assistance. TES draws its expertise from its staff of experienced engineers, the ERC staff and a wide range of University faculty. In addition, TES provides informative pamphlets and low-cost on-site practical workshops covering a range of subjects, such as computer-aided design and hazardous waste disposal under Maryland/federal law. New in 1988, free productivity audits on request, given in conjunction with UM Center for Productivity.

Available to: Any Maryland company that produces a product or provides a service.

Fees: Usually FREE

Publications: Brochure, *Technical Assistance to Maryland Business and Industry*; bimonthly newsletter *ERC Update* shares concepts and technologies useful to business/industry.

Information:
W. Travis Walton, Director
Technology Extension Service
A. V. Williams Building
UMCP
College Park, MD 20742
(301) 454-1941

Regional Offices:
Northern: Baltimore
Richard Brooks and Case Marsh
(301) 328-3233
Eastern Shore: Cambridge and UMES
Barry Frey
(301) 476-5476
Western: Frostburg
Frank Moderacki
(301) 689-2570
Central: Gaithersburg
Paul Vinikoor
(301) 340-9730
Southern: Annapolis
Charles Carr
(301) 974-3140

Technology Transfer Center. For expertise specific to civil engineering—roads, construction, waterways—this is an access point at UMCP. Non-credit training is varied and offered in half-day to full week courses. Films and video tapes may be borrowed free or purchased at a cost of $10 to $12, and a professional newsletter file is maintained.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Everett C. Carter
or
Dr. Harold T. Rib, Co-Directors
Technology Transfer Center
Department of Civil Engineering
UMCP
College Park, MD 20740
(301) 454-3103 or 4932

INDUSTRY AND SCIENCE

Apprenticeship Training Program. If your company requires resident technicians in air conditioning, carpentry, plumbing, electricity, steamfitting, automotive mechanics or other skilled trade areas and you're interested in setting up an apprenticeship program in-house, UMCP's apprenticeship program managers will consult. See index.

Communications and Signal Processing Laboratory (CSPL). Exemplifying UM's commitment to support and encourage growth of the communications industry, the Communications and Signal Processing Lab provides technical assistance to communications companies by studying complex problems with dedicated facilities for image processing, speech processing and real-time data acquisition. The lab is developing a communications simulator, and is currently interested in local area networks, packet radio, band/width compression techniques, noise reduction and source coding. The lab's services are made available from UMCP's Electrical Engineering Department through the Engineering Research Center. Dr. Nariman Farvardin, Director.

Available to: As above

Fees: Depend on service.

Publications: Free brochure on request.

Information:
David D. O'Sullivan
Engineering Research Center
UMCP
College Park, MD 20742
(301) 454-7941

Composite Research Laboratory (CORE). Established in 1986 by the Engineering Research Center and Department of Aerospace Engineering, CORE provides the facilities to manufacture, test, and analyze composite structures. Currently CORE is working in free-edge delamination, composite rotor blades, compressive response of thick-shell sections, thermoplastic fabrication techniques, and matrix synthesis. For more information, please contact the ERC at 301/454-7941.

Food Science Program. Commercial food manufacturers, processors, and packagers or any governmental agency that needs to know how to apply current scientific knowledge of food, this UMCP academic unit can help. The program offers non-credit training and individual technical assistance or consulting, as well as access to pilot facilities and equipment for aseptic UHT processing of fluid foods using steam infusion technology, blast freezers to -40c, and separation technologies including ultrafiltration, reverse osmosis and solid liquid extractions. Expertise in quality assurance and statistical quality control of dairy, seafood, poultry, and fruit and vegetable processing—including analytical assessments of flavor, color, texture and shelf-life—may be tapped as a short course or as a consultation. An ice cream short course is offered yearly. A food science colloquium is open to the public on Tuesday afternoons at 4pm in F1102.

Available to: As above

Fees: Consulting: FREE to in-state processors, $350/day national, $400/day international plus expenses.
Non-credit training: by arrangement.
Pilot plant: $800/day.
Laboratory analysis: Variable.

Publications: Food dictionary computer data base begun 1985.

Information:
Dr. Robert C. Wiley, Chair
Food Science Program
1122 Holzapfel Hall
UMCP
College Park, MD 20742
(301) 454-2829

Industrial Education and Technology Department. At UMES this academic unit is housed in the Arts and Technologies Center, a state of the art place for public and professional groups to learn. Ask for technical assistance in computer applications, construction engineering and design, or electronics. Non-credit classes in automotive engine diagnostics, robotics, and construction estimating are offered periodically. The new center contains labs for construction, electronics, engines, metals, hydraulics, materials testing, drafting, printing and microcomputer applications. For high school students, the Department's Summer Technology Institute can give career meaning to a summer on the Eastern Shore. Twice a year, the Department opens its distinguished lecture series to the public; sample topic: "computer technology applied to high resolution graphics." Technology Exposition/Career Day is sponsored each Spring, see index.

Available to: Anyone

Fees: Depend on service.

Publications: *Technology Education Update* booklet, by request.

Information:
Dr. Leon L. Copeland, Chair
Industrial Education and Technology Department
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 627

Manufacturing Technologies. A major area of focus for UMCP's Mechanical Engineering Department and the Engineering Research Center is to provide consulting and technical assistance in manufacturing and factory automation to Maryland manufacturers. The program can provide facilities in flexible manufacturing, including robotics, computer-integrated manufacturing of thermoplastics, computer-aided production systems, and surface-mount electronics packaging including thermal reliability. For more information, call UM's Technology Extension Service at 454-1941.

Maryland Industrial Partnerships (MIPS). This major new partnership program is designed to stimulate technical innovation and enterprise in Maryland. By offering matching funds to Maryland industries and businesses for joint industry-University research and development projects, MIPS is leading the way to commercialization of technology-based products and processes. MIPS matching grants are awarded on a competitive basis based on proposals submitted jointly by Maryland companies and University researchers. Major evaluation factors: job creation or retention, improvement in company's competitiveness, likelihood of technical success. Although MIPS is an arm of UMCP's multi-faceted Engineering Research Center, faculty members from all UM System member institutions participate in the program. Dr. Charles O. Heller, Director.

Available to: Any company headquartered in Maryland or with substantial manufacturing or R&D facilities in the state.

Fees: None. Companies match MIPS contributions; 1987-88 grant amounts range from $5,000 to $50,000.

Publications: Brochure, application form, other informational materials.

Information:
Judith Mays
Corporate Relations Manager
Maryland Industrial Partnerships
Engineering Research Center
UMCP
College Park, MD 20742
(301) 454-1939

Poultry Industry. Training and research in the heart of Maryland's Delmarva modern broiler industry thru UMES Poultry Technology and Management Department. See index.

Training, Frostburg State University. FSU Office of Graduate Studies and Extended Education also coordinates specific training courses for a variety of companies. Examples of past courses offered include supervisory training for Biederlack, database training for American Woodmark and writing workshops for Westinghouse. See index.

Vocational Training. For information about what's available in Maryland, contact the University's Maryland Vocational Curriculum Research and Development Center. Consulting available if you do your own. See index.

UM System Research Parks. Research parks are the preferred corporate location for the 21st century. The University of Maryland System is committed to that concept. Not only are we jointly engaged in creating the research parks below, but we actively seek alliances with corporate entities at any location.

Maryland Science and Technology Center. Under construction at the best intersection on the Atlantic seaboard—I-68 (Route 50) and Route 301—on the Patuxent River near Annapolis, Baltimore, Washington,D.C. and, of course, near numerous member institutions of the University of Maryland System, including the College Park flagship. The 466 acre, $750 million center is expected to attract hundreds of advanced technology firms. First tenant and anchor: the national Supercomputing Research Center, design home of DOD's new generation of supercomputers.

Shady Grove Academic Center. This advanced biotech research and academic center is located on a 50 acre tract at the intersection of Shady Grove Road and Route 28 in Rockville. The center includes a 150,000 square foot Education/Conference Center as well as facilities for biological and biotechnical research performed collaboratively by academic, government, and industrial scientists.

Proposed UMBC Science Center. 80 acres adjacent to UM's Baltimore County campus are being planned for high technology and office uses. This is an outstanding location at I-95, the Baltimore beltway (I-695), and I-195 (Route 195)—the new direct access road to the Baltimore-Washington International Airport.

For any UM System Research Park

Information:
Frank Collins
Associate Vice President
for Real Estate Development
The University of Maryland System
3300 Metzerott Road
Adelphi, MD 20783
(301) 853-3731

Publications: Brochures and information on request.

WORKFORCE: INTERNS, VOLUNTEERS, RECRUITING

Asper Fellowship Program. For law student interns. See index.

Cooperative Education, UMCP. At UMCP, Cooperative Education is part of the busy ELP office whose motto is "learn by doing." Co-op requires a greater commitment than a simple internship or volunteer position because students must plan to alternate full-time semesters on campus with two semesters of full-time paid work, for which they apply, interview and earn salary exactly as they would as new graduates. But they may also earn credit. According to a recent survey, 77% of former UMCP co-op students were offered permanent post-college positions by their co-op employers. (Ask about UMCP's co-op program for graduate students.)

Available to: Anyone

Fees: Employers-FREE opportunity to hire. Students-$65 to $75 registration fee per co-op semester, fall or spring. ($35 summer.)

Publications: Separate brochures for potential co-op employers, undergrad or graduate students, free upon request.

Information:
Suzanne Mintz
Cooperative Education, ELP
0119 Hornbake Library
UMCP
College Park, MD 20742
(301) 454-4767

Cooperative Education, UMES. Employers might look at cooperative education students as possible future employees who have already been trained. Hired by any qualified employer who wants to participate, a co-op student can be any UMES student who has 24 credit hours accumulated and is willing to alternate two semesters of full-time employment with two semesters of full-time study. Hired through the Cooperative Education offices, students are paid and also earn one to six credits per semester since co-op is considered a learning experience in the major field of study.

Available to: Anyone

Fees: Students pay standard tuition fee.

Publications: FREE newsletter by request.

Information:
Lauren Taylor, Coordinator
Academic Affairs Office
Student Center
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 567

Cooperative Education, UMUC. The UMUC co-op student works in a paid position related to his/her field of study, and develops a learning plan with the assistance of a faculty advisor. If the student does not have an appropriate position the co-op staff will assist in placement. Students successfully completing their plans may earn either 3 or 6 hours of credit per semester. Guidance with resume writing, interviewing techniques and job search strategies is part of the package for registered co-op students. Presentations to community organizations by Cooperative Education staff are available.

Available to: University College students, employers, organizations.

Fees: Students-co-op fee, tuition for co-op credit. Employers, community organizations-FREE.

Hours: M-F, 9am to 4pm; evenings by appointment.

Publications: Employer brochure, student booklet, on request.

Information:
Sarah Baker Andrus, Coordinator
Cooperative Education
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7042

Cooperative Education, UM System. For information about cooperative education and experiential learning programs at member institutions of the UM System not listed in this section, please call the hotline for referral, 454-3000.

Cooperative Engineering Education. This is a separate co-op education office for UMCP engineering students and employers. The office can provide students from every engineering discipline to both private industry and government. Under the program they alternate semesters of full-time work with semesters of full-time study. Benefits to employer: preview future permanent hires, reduce recruitment and training costs, develop closer ties to UM.

Available to: Students-UMCP engineering majors with junior standing and minimum of 2.0 GPA. Employers-Anyone with engineering emphasis.

Fees: Students-$65 semester, $35 summer. Employers-FREE.

Publications: Brochure on engineering co-op FREE upon request.

Information:
Heidi Winick, Director
Cooperative Engineering Education Program
1137 Engineering Classroom Building
UMCP
College Park, MD 20742
(301) 454-5191

Executive and Faculty Exchange Programs. Opportunities for learning exchanges go both ways. Often creatively structured by individual departments. Call for more information, 454-3000.

Experiential Learning Programs. Mixing the benefits of the outside work-world with student life, the ELP office at College Park campus incorporates Internships, Volunteer Service and Cooperative Education, three methods by which students can get pre-career experience...and employers secure qualified temporary help and the inside track when they graduate. ELP is a UMCP-wide resource center for experiential learning opportunities and maintains computerized listings of paid and unpaid opportunities from more than 1300 agencies and companies in the Metro area. Openings are advertised in the campus newspaper and through related academic departments. The ELP office administers the Retired Volunteer Service Corps (see index), the National Student Exchange (NSE) program, the Golden I.D. Student Program, and provides speakers on experiential learning. For experiential learning programs at UM System member institutions not listed in this section, please call the hotline, 454-3000.

Available to: Anyone

Fees: FREE

Publications: Free brochure on request.

Information:
Dr. Mary Ellen Hrutka, Director
ELP
0119 Hornbake Library
UMCP
College Park, MD 20742
(301) 454-4767

Health Career Opportunity Program. Undergraduate students can get a head start on their careers through this summer program at UMAB. Pre-professional training (everything from anatomy lectures to clinic rotation) is provided in the fields of dentistry, medicine, pharmacy.

Available to: See above

Fees: FREE

Information:
Director
Health Career Opportunity Program
UMAB
621 W. Lombard St.
Baltimore, MD 21201
(301) 328-7714

Internships. Both paid and unpaid internships may be arranged and publicized at all undergraduate campuses:

At **UMBC**: Co-Op Education office, **455-2494**
At **UMCP**: ELP office, **454-4767**
At **UMES**: Academic Affairs, **651-2200**
At **UMUC**: Co-Op Education office, **985-7042**
At other **UM System member institutions, 454-3000**

Internships and Volunteer Service/Learning, UMCP. Could your business use a student intern or volunteer? Chances are excellent that UMCP has a major field of study related to your work and students who would appreciate the opportunity to complement their classroom study and get career experience, with or without pay. In the Office of Experiential Learning Programs, the Coordinator and Internships and Volunteer Service maintains a clearinghouse of information about such jobs. Positions which offer students college level learning experiences are advertised in relevant University departments and in the campus newspaper, as well as kept on computerized file for instant referral. When a match is made, part-time hours are negotiated, and often academic credit is earned. Both undergraduate and graduate students are eligible.

Available to: Interested agencies, businesses, industries in Maryland.

Fees: FREE

Hours: 8:30am to 4:30pm weekdays.

Information:
Ms. Rennie Golec, Assistant Director
ELP
0119 Hornbake Library
UMCP
College Park, MD 20742
(301) 454-4767

Internship/Cooperative Education, TSU. This program makes it possible for qualified Towson State University students to earn college credit while working in fields related to their majors. Benefits include practical work experience (both full- and part-time and paid and non-paid), exposure to work performed by professionals, a head start in developing contacts, and an opportunity to test choice of major and related career opportunities. Internships offer part-time, for-credit work experience to TSU students who are currently enrolled in degree programs. Participating students and employers are monitored closely throughout the internship/co-op by TSU faculty.

Available to: Qualified students and employers

Fees: Students, $50 fee. (Often paid by employer if internship is non-paid.)

Publications: Brochure, available upon request.

Information:
Internship/Cooperative Education Office
Lida Lee Tall Center, Suite 307
Towson State University
Towson, MD 21204-7097
(301) 321-2932

Office of Professional Practice, UMBC. Incorporates programs for both cooperative education and internships at UMBC. Established in 1974, UMBC's Co-op Program is the largest in Maryland. Students in the UMBC Co-op Program have at least sophomore standing, and a minimum 2.5 GPA. Students can work full-time (alternating semesters) or part-time (year round), and can earn credit. Internships may earn credit and be either paid or unpaid. The Co-op Office offers workshops for employers on subjects such as program management,

and provides training in interviewing and resume preparation for students.

Available to: Anyone

Fees: Employers-FREE pre-screening and opportunity to hire; FREE workshops. Students-$50 registration fee per co-op semester, fall or spring. ($15 summer.)

Publications: FREE newsletter, Employer Guides, by request.

Information:
Dr. John S. Martello, Director
Cooperative Education Program
MP 216
UMBC
Baltimore, MD 21228
(301) 455-2494

PACE (People Active in Community Effort). Organizations dedicated to helping others can contact PACE for UMCP student volunteers who are interested in positions which are productive for both them and the community as a whole. PACE holds an Expo every semester for its project organizations, which currently include St. Elizabeth's Hospital, Anchor House, Sexual Assault Center, Head Start and the Red Cross. Frequently PACE provides transportation for students to their volunteer jobs.

Available to: Community organizations

Fees: FREE

Publications: FREE brochure about PACE.

Information:
Tammy Ray, President
PACE
2144 Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-4275

Recruiting. To explore ways of hiring UM System graduates, choose the appropriate office at the member institution of choice. Please call the hotline for referral, 454-3000.

Retired Volunteer Service Corps. See index.

Writing Institute. Good writers for businesses and governmental agencies available from this professionally directed UMBC unit, see index.

PARK
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CHAPTER TWO

SERVING SOCIETY

COMMUNICATIONS AND MEDIA

Advertising Sequence. In a normal day you are exposed to an average of 1400 advertisements. Nevertheless, most people don't realize the full role and effect of advertising in our economy and society. Lectures on the subject are available to civic and school groups, and in-depth marketing/advertising consulting is available from this UMCP academic unit.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. Eric Zanot
Advertising Sequence
College of Journalism
Journalism Building
UMCP
College Park, MD 20742
(301) 454-6932

Broadcast Journalism Sequence. The research in radio, TV and cable journalism produced by this UMCP academic unit is available to interested counterparts in the field. Station personnel who would like training in audience research or news writing can register by calling the information number below.

Available to: Interested parties

Fees: Depend on service.

Information:
Dr. Mark Levy, Chair
Broadcast Journalism Sequence
College of Journalism
UMCP
College Park, MD 20742
(301) 454-6937

Campus Photographic Services. Want to see how your organization looks from the air? Aerial photography is among the complete photographic services offered by this UMCP photo service. Brochure available listing rates and service time for that and other work, such as: studio and on-location photography, while-you-wait passport and journal photos, photocopy, photo restoration, technical and biological illustration service, film developing and push processing, enlargements, custom poster and photo framing, and technical consultation. (Professional black and white photo lab on site, color processing by contract.) Ask about the extensive photo library dating back to the turn of the century which is maintained cooperatively by the Photo Lab and the Archives. Photographic Services is also 1) a Kodak dealer for all Kodak films,Kodak Carousel projectors and Kodak DATASHOW systems; and 2) a Polaroid Professional Film Center for Polaroid Film and Professional equipment.

Available to: Anyone

Fees: Competitive

Hours: 8:30am to 4:30pm, University calendar.

Information:
Manager, Campus Photographic Services
4310 Knox Road
UMCP
College Park, MD 20742
(301) 454-3911

Campus Printing Services. Facilities for typesetting, offset lithography and letterpress composition. M-F, 8am to 4pm. Available first to UMCP community. Information: 454-3128.

Center for Research in Public Communication. Drawing on the University's journalism and communication faculties, the Center provides a broad range of communication related services and research. Areas of special expertise: political communication and public opinion studies; television news audience research; in-

ternational communications; planning and evaluation of public relations campaigns. Previous clients and current clients include: the National Association of Broadcasters, AT&T, the Motion Picture Association of America, Maryland-Delaware-DC Press Association, NBC News, U.S.I.A., International Association of Business Communicators Foundation, Washington Journalism Review, and the National Institute of Health.

Available to: Agencies, businesses, industry.

Fees: Depend on service.

Information:
Dr. Michael Gurevitch, Director
Center for Research in Public Communication
College of Journalism
Journalism Building
UMCP
College Park, MD 20742
(301) 454-6931

Communications and Signal Processing Laboratory. Provides technical assistance to communications companies. See index.

Diamondback, The. You can subscribe to it. You can advertise in it. You can write a letter to its editor. It's The Diamondback, campus newspaper for UMCP which is published daily during the school year and weekly all summer. Besides news of the world and the campus, it offers a bulletin of UMCP announcements, a legal aid and a health column, an editorial page forum, and a round-up of entertainment announcements on Fridays. The Diamondback was chosen Best College Newspaper in America in 1983. Alumni might get a kick out of browsing through bound volumes of The Diamondback dating back to 1908. Clips of recent stories are available upon request.

Available to: Anyone

Fees: Subscriptions rates are $36 yr. or $24 semester. Advertising rates, both display and classified, upon request.

Information:
News Editor
The Diamondback
3150 South Campus Dining Hall
UMCP
College Park, MD 20742
(301) 454-4325

"Focal Point: UMES." For current information about programs and activities at the University of Maryland Eastern Shore, tune in once a week to "Focal Point: UMES." The five-minute radio show is carried by 7 stations on the lower shore, as follows:

WSBY-AM (960) Salisbury
WJDY-AM (1470) Salisbury
Sunday, 6:25 a.m.
WICO-AM (1320) Salisbury
Sunday, 12:05 p.m.
WCEM-AM (1240) Cambridge
Sunday, 6:55 p.m.
WKHI-FM (100) Ocean City
Friday, 5:50 a.m.
WOLC-FM (102.5) Princess Anne
Friday, 1:25 p.m.
WDMV-AM (540) Pocomoke
Saturday, 8:10 a.m.

Available to: Anyone

Fees: FREE

Information:
Office of University Relations
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 510

Instructional Media Resources. The services of this UMBC media center include: an Audio-Visual Services and Film Library which lends audio-visual equipment and maintains an extensive inventory of films and videotapes; a Multi-Media Center which houses a variety of non-print media resources. The center specializes in collecting and disseminating foreign language audio and video materials in all major languages; Television Production Services which produces instructional and educational video programs both for in-house and worldwide distribution; Videomarketing Center which markets media programs produced by the Television Production Services and their studios; Videoconferencing Center which offers the reception and viewing capabilities of educational and corporate programs via satellite. It provides two-way telecommunications, taped program replay and original productions as well as customized workshops. (Member of National University Teleconferencing Network.) In addition, anyone with access to a satellite dish may receive the nationwide transmission of France-TV Magazine. This program is distributed free via satellite to more than 400 schools and universities throughout the United States. For dish alignment and reception information, please call for free instruction sheet. Another first at UMBC is the capability of receiving Russian television programming through a

sophisticated satellite tracking system. The Center also maintains the facility and equipment necessary for the reception and transmission of UM/ITFS (University of Maryland/Instructional Television Fixed Systems). Engineering, computing and business classes are broadcast from UMCP and UMBC to western Maryland and metropolitan Baltimore.

Available to: All concerned parties

Fees: Depend on service.

Publications: "A Guide to Instructional Media Resources;" "Advanced Technology Multi-Media Center;" "France-TV Magazine"

Information:
Victor H. Aulestia, Director
Instructional Media Resources
UMBC
Baltimore, MD 21228-5398
(301) 455-3208
(301) 455-3680 Audio-Visual Services
(301) 455-3685 Multi-Media Center
(301) 455-3214 Television Production Services
(301) 455-3686 Videomarketing/Videoconferencing
(301) 455-3802 France-TV Magazine

International University Consortium. How to get a degree through televised courses. See index.

Journalism, College of. With programs in advertising, public relations, news-editorial journalism, photojournalism, magazine journalism, broadcast journalism and science communications, this UMCP academic unit provides interns to the Washington and Baltimore metropolitan areas in some of its most important fields. In addition, the College maintains a special job placement service for its graduates and publishes a job bulletin for its students and alumni. Call the information number to advertise a position or to receive a copy of the bulletin. Advisors to the College of Journalism include Walter Cronkite; Hodding Carter III; Donald Graham, publisher of The Washington Post; and Reg Murphy, publisher of the Sunpapers of Baltimore. In 1988 the College was named one of the top 11 journalism schools in the country by the Gannett Center. Reese Cleghorn, Dean.

Available to: Interested parties

Fees: FREE

Publications: Job bulletin for alumni, FREE.

Information:
Lois Kay
Director of Career Development
College of Journalism
UMCP
College Park, MD 20742
(301) 454-6939

Knight Center for Specialized Journalism. Created in 1987 to provide working reporters and editors with brief but intensive background in some of the complex fields they cover in the news, such as science, medicine, economics and the law. Courses run from two weeks to a month, and are designed exclusively for journalists. The Center's teachers are experts from the UM System faculty, other institutions, private enterprise, government and the press. The course, lodging and meals are gratis to the participants; however, their organizations must agree to continue their salaries and travel costs to the University. The Center is located in the College of Journalism at UMCP, and is entirely financed by a grant from the Knight Foundation.

Available to: Print and broadcast journalists by application and upon selection by a Knight Center committee.

Fees: FREE, as above.

Information:
Howard Bray, Director
Knight Center for Specialized Journalism
College of Journalism
UMCP
College Park, MD 20742
(301) 454-6423

Marketing Communications. Professionals who want to expand their marketing skills, to manage marketing communications, or learn to specialize in advertising, promotion, public relations, or copy writing, University College's certificate program may be for you. You can earn this excellent professional credential by taking nine 6-session courses in the evening. Information: 985-7230 or 1-800-888-UMUC.

Maryland College of the Air. See index.

Maryland Media, Inc. Anything in print, from wedding invitations to business cards, resumes and marketing brochures, can be produced by this UMCP resident business. Printing, typesetting, and graphic arts projects can be designed to suit your needs.

Available to: Anyone

Fees: Competitive
Hours: M-F, 9:30am to 4:30pm.

Information:
Sharon Nazari
Production Manager
Maryland Media, Inc.
3144 South Campus Dining Hall
UMCP
College Park, MD 20742
(301) 454-4179

Maryland Scholastic Press Advisers Association. Any school in the state of Maryland that publishes a yearbook, a magazine, or a school paper should know about this helpful UMCP program. Serving publication advisers and their students, it provides everything from assistance in curriculum design and implementation to consultation on legal questions. The Association makes available to schools by mail a lending library of school yearbooks, newspapers and magazines for ideas and inspiration. Summer programs offered by the Association include School Press Workshop, workshops on writing, editing, newspaper design and production, the Yearbook Shortcourse, and graduate courses for teachers. Ask, too, about the annual writing contests and convention, the scholarships to summer workshops, the annual publications rating programs, and speakers who will give talks to local schools.

Available to: Maryland schools

Fees: Depend on service; many FREE.

Publications: *The Adviser*, quarterly newsletter by request; FREE brochure about Summer Programs.

Information:
Lois E. Kay, Exec. Director
Maryland Scholastic Press Advisers Assoc.
College of Journalism
UMCP
College Park, MD 20742
(301) 454-6939

News-American Archive. Upon the newspaper's demise in 1986, the *News-American* morgue was donated by the Hearst Corp. to the UMCP library system. A priceless historical record of the community it served, the archive contains some four million clippings and several million photographs. The 3,000 bound volumes will form the "historical anchor" of a new journalism library. More information from the hotline, 454-3000.

Public Relations Sequence. Agencies and corporations interested in communicating with relevant publics or evaluating their public relations programs can seek valuable help from this UMCP academic unit. Faculty and advanced students can design, implement and evaluate public relations/public affairs programs-often working within a limited budget. Often this means conducting research to identify publics and the PR problems they create for organizations. Audits of both employee and external publics may be conducted. Special expertise on "PR excellence" gained from a 6-year grant from the International Association of Business Communicators may be applied to evaluate and recommend how PR should be incorporated and managed within an organization. Tutoring services and in-service conferences by arrangement.

Available to: Interested parties

Fees: Depend on service.

Publications: *Public Relations Review* and *Public Relations Research Annual*, the only two peer-review journals in the field, by request.

Information:
Dr. James Grunig, Director
Public Relations Sequence
College of Journalism
2109 Journalism Building
UMCP
College Park, MD 20742
(301) 454-2228

Publications Office, Computer Science Center. Services include consulting, programming, microcomputer support, documentation and data entry. Guidance to computerized preparation of newsletters. Available first to UMCP community. Information: 454-6030.

Radio Hotline. Designed especially for the broadcast media, the UM radio hotline offers fresh and interesting spot news four times a month, with breaking news stories as they happen. News stories reflect happenings across the UM system, occasionally highlighting special faculty and events. The pre-recorded spots may be accessed on automatic answering service and may be taped for replay, with time running from 60 seconds or less up to three minutes.

Available to: Interested parties

Fees: FREE in state.

HOTLINE: 1-800-523-RADIO, or Washington Metro area 779-NEWS.

Information:
Anne Moultrie
Director of Media Relations
UMSA
3300 Metzerott Road
Adelphi, MD 20783
(301) 853-3739

Radio Service, CES. Feature news and information on topics that touch the daily lives of listeners—from buying and preparing food, to lawn care, to raising pets—all recorded and available to radio stations by request on a tape-return basis. Postage-free, return addressed labels and envelopes are provided. Audition tapes of UM System experts also available.

Available to: Radio stations

Fees: FREE

Information:
Extension Radio Service
Information and Publications Department
Room 0330, Symons Hall
UMCP
College Park, MD 20742
(301) 454-3621

Radio-Television-Film. Students in this UMCP academic unit can produce documentaries and public service announcements on film, videotape or audio-tape at the request of outside groups, mostly government agencies or non-profit organizations. The fundamental requirement is that the requested project be an opportunity for interesting research, a new method of production or some sort of learning challenge.

Available to: Concerned organizations

Fees: Depend on service.

Information:
Director, RTVF
Department of Communication Arts and Theatre
1147B Tawes Fine Arts Building
UMCP
College Park, MD 20742
(301) 454-2544

Rapid Copy Service, UMBC. Located in the UMBC Bookstore on the lower level of University Center (see index), the Rapid Copy Service is open to campus and the neighboring community.

Reprographics Center. Better known as "the Copy Center" located in UMCP's Reckord Armory, this office offers a surprising range of services available to anyone who comes in. Among them: full service black and white copying in all sizes, color copying up to 18-1/2" X 14", prints from color slides, laminating of important ID's and certificates, and a choice of spiral or velo bindings. All are priced well below what you'd expect to pay. Please call in advance to schedule large-sized jobs. Metered parking available nearby.

Available to: Anyone

Fees: Depend on service.

Hours: M-F, 8:30am to 4:30pm or by arrangement, but closed noon to 1pm.

Information:
Matthew Raeder, Manager
Reprographics Center
0127 Reckord Armory
UMCP
College Park, MD 20742
(301) 454-2837

Retriever, The. This student publication fetches you all the news about UMBC and UMAB, covering a variety of community events on the two Baltimore campuses--speakers, workshops, performing arts and much more. Businesses will have an entree to a unique market by advertising in The Retriever. The Retriever also offers a professional quality typesetting and graphics service at very competitive rates.

Available to: Anyone

Fees: Subscription, $5 per year (28 weekly issues). Advertising by rate.

Information:
Editor-in-Chief
The Retriever
219 University Center
UMBC
Baltimore, MD 21228
(301) 455-3254

Science Communication Sequence. Need to explain a special kind of laser to a potential user? Ways of communicating all sorts of scientific information to non-scientists is the specialty of this UMCP academic unit. Expertise is available in the form of articles and talks to professional groups, as well as on a consulting basis.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. Larissa A. Grunig
Science Communication Sequence
College of Journalism
Journalism Building
UMCP
College Park, MD 20742
(301) 454-6936

Telecommunications. Teleconferencing via live broadcast downlink available at UMBC thru Instructional Media Resources, at UMES in the Arts and Technologies Center, and at UMUC in the Center of Adult Education. For more information about these and other UM System resources, please call the hotline, 454-3000.

Television Production Services. Contract programming and other television production services are available to outside agencies and companies at University System facilities on a time-available basis. Call Meta Ann Donohoe at UMBC, 455-3214 or RTVF Director at UMCP, 454-2544.

Towerlight, The. Towson State University's student newspaper is published every Friday that classes are in session during the fall and spring semesters. Letters to the editor should be typed and signed, and consist of fewer than 300 words. Correspondence becomes the property of *The Towerlight* upon receipt.

Available to: Anyone

Fees: Display and classified advertising rates are available upon request.

Information:
Editor
The Towerlight
Room 232 University Union
Towson State University
Towson, MD 21204-7097
(301) 321-2288

University of Maryland Press. Soon you may see books with the University of Maryland named as publisher. In the planning stages, the UM Press could publish as many as 15 titles annually by its fifth year. This effort is part of the University's ongoing pursuit of excellence, as most of its peer institutions already have academic presses. For an update, call the hotline 454-3000.

University Printing. UMCP facility can do a complete range of printing services, including typesetting, binding, and specialty requests such as die cuts. Priority to University projects. For more information call 454-3128, or the hotline 454-3000.

Video Services, UMAB. Produces and distributes award winning video programming in health related fields, specializing in concerns of children and the elderly. Programs are nationally broadcast on public television stations, they are also used by thousands of organizations, institutions, and community groups. Extensive distribution efforts, including the annual mailing of 80,000 catalogs, provide access to all health care training programs and service providing agencies in the country. Video Services programming is the recipient of awards from the International Rehabilitation Film Festival, The American Film Festival, The Health Sciences Communication Association and Chris Plaques, Chris Statuettes, and CINE Golden Eagles. Major titles include: LIVING WITH GRACE; THE WILSON CRISIS; DOMINICK AND MARGARET; RACHAEL, BEING FIVE; BEGINNING WITH BONG; and SHAKISSHA AND FRIENDS. Ask about new information films about AIDS.

Available to: Production and distribution available to university and non-university community.

Fees: Production fees dependent on scope and complexity of work. Tape rental and purchase fees listed in catalog available upon request.

Publications: Annual catalog of video programming produced and distributed by the facility; viewer's guides for documentary programming.

Information:
Susan Cohen
Video Services
Department of Physical Therapy
School of Medicine
UMAB
32 S. Greene Street
Baltimore, MD 21201
(301) 328-7720

Visual Press. Created in 1988 at UMCP. First major project is a series of performances written and directed by Samual Beckett. Information: Mitchell Lifton, Comparative Literature Department, 454-1820.

VOICE. UMAB newspaper for faculty and staff wraps around center section Student Voice for campus news and views from a double perspective. No advertisements. Student Voice, eight times a year, from the Office of Student Affairs 528-7476. Voice bi-weekly from the Office of Institutional Advancement 528-7820.

Washington Journalism Review. Monthly magazine of the nation's media donated to and now published by the UMCP College of Journalism. Information: 454-2228.

WCVT-FM. Towson State University's 10,000-watt radio station (89.7 FM) is managed and operated by students. The station offers invaluable experience to students, and provides a high standard of music and public affairs programming to the community. Operation depends on funding from the TAU Student Government Association and the College of Continuing Studies, in addition to contributions from listeners.

Available to: Anyone within listening range.

Fees: None, but contributions are always welcome.

Hours: Monday through Saturday: 6am to 2am; Sunday: 6am to midnight.

Publications: A program schedule is available upon request.

Information:
WCVT-FM
Media Center
Towson State University
Towson, MD 21204-7097
(301) 321-2897

WMUC. WMUC invites you to dial up music, sports, and community affairs programs broadcast directly from the College Park campus. The radio station, located upstairs in the main dining hall building, will also accept your public service announcements, as long as you represent a non-profit organization. WMUC is both FM (88.1 on your dial), with a listening area of eight to ten miles from campus, and AM (6500) strictly for on-campus listening.

Available to: Anyone

Fees: FREE

Publications: FREE FM program guide, upon request and receipt of SASE (self-addressed, stamped envelope); *Radio Waves*, newsletter on request.

Hours: Broadcasting hours: Fall and Spring-FM and AM 24 hours a day; Summer-FM 24 hours, AM 12 hours.

Information:
Station Manager
Box 99
UMCP
College Park, MD 20742
(301) 454-2743

WUMD. Radio station broadcasting from UMBC's University Center can be tuned in at AM56 for music, news and opinion.

CRIMINAL JUSTICE AND LAW

AIDS Policy for Professionals. New for health professionals who treat AIDS: an interdisciplinary course on your rights and obligations, available from UMAB's School of Law. Topics for study include testing, confidentiality, obligation to treat, and rights of health care workers who become HIV positive.

Available to: Anyone, recommended for health care workers.

Fees: Tuition

Information:
Karen Rothenberg, J.D.
Director of Law and Health Programs
AIDS Policy for Professionals
School of Law
UMAB
Baltimore, MD 21201
(301) 328-2429

Asper Fellowship Program. Industrious law students are available through this UMAB program to serve internships as law clerks for courts or for governmental or non-profit agencies. Students earn credit based on hours worked per semester. An ongoing list of more than

30 judges and 40 agencies is maintained by the coordinator.

Available to: Judges of State and Federal Courts, governmental and non-profit agencies.

Fees: FREE

Information:
Professor Susan Leviton
Asper Fellowship Program
School of Law
UMAB
500 W. Baltimore St.
Baltimore, MD 21201
(301) 328-3295

Chesapeake Coastal and Estuarine Policy Program. Addresses conservation of the Bay area through legal policies and processes. A School of Law program, see index.

Court Appointed Special Advocate Program. Provides volunteer advocates for work one-on-one with abused and neglected children whose welfare lies in the hands of the court system. The volunteer makes certain the child receives proper representation before the court and for the services to which he or she is entitled. CASA is a joint program of UMAB's School of Social Work and Community Planning and the School of Law, and is administered through the former's Child Welfare Center. Sharon S. England, Director. Information: 328-7367.

Criminalistics Laboratory. This UMCP lab explains the painstaking examination of physical evidence in criminal cases to local law enforcement personnel, students and other visiting groups. Forensic techniques demonstrated are fingerprinting, truth verification instrumentation, hypnosis, handwriting and firearm identification, and hair and fiber classification. Off-campus speakers with portable demonstration kit may be scheduled.

Available to: Anyone, by appointment.

Fees: FREE

Information:
Thomas P. Mauriello
Criminalistics Laboratory
2220L LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-6758

Custody Mediation and Consultation Program. Parents and other family members seeking judicial assistance to resolve parental rights conflicts may find help here. This UMCP dispute resolution and family consultation service is non-adversarial, impartial, and designed to help families make decisions in a variety of situations regarding care of minor children, often during or after parental divorce. The program is a public service of UMCP's Department of Human Development working with the Baltimore City and Prince George's County Circuit Courts and is the only university/court program of its type in the nation. For researchers, a data base is being created on computer. Other court systems interested in establishing mediation services are invited to call.

Available to: Maryland residents who need help on custody and visitation problems.

Fees: None

Publications: Brochures describing program and graduate courses, free upon request.

Information:
Dr. Elizabeth J. Koopman
Custody Mediation Program
Department of Human Development
College of Education
UMCP
College Park, MD 20742
(301) 454-2034

High Risk Adolescent Trauma Prevention Program. Young violators of alcohol-related laws are given a tour of the University facility that has become world-renowned for its treatment of life-threatening injuries sustained in traffic accidents. This anti-drunk driving program works because it shows what can happen before it's too late. The program is coordinated with four Maryland counties: Harford, Carroll, Baltimore and Anne Arundel. A five-week drug/alcohol program is provided at the county level.

Available to: 15 to 18 year old drinking and driving offenders from the above counties.

Fees: Dependent on county and fine.

Information:
Beverly Dearing, R.N.
Nurse Coordinator
High Risk Adolescent Trauma Prevention Program
Maryland Institute for Emergency
Medical Services Systems
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-2035

Institute for Philosophy and Public Policy. Engaged in a joint Lawyers' Ethics project with UM Law School, as well as a Judging Judges Project on judicial ethics. See index.

Institute of Criminal Justice and Criminology. The University's interests and activities in the areas of law enforcement, criminology, and corrections come together in this special UMCP Institute which is primarily an academic unit offering both graduate and postgraduate degrees. State criminal justice agencies which have internship and field training opportunities are invited to contact the Institute for qualified applicants. Faculty expertise is always available, and the Institute keeps a small resource library on criminology on file. The Criminalistics Laboratory (see listing, this section) is part of the Institute of Criminal Justice and Criminology.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. Charles Wellford, Director
Institute of Criminal Justice and Criminology
2220J LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-4538

Judicial Writing Course. Imagine teaching judges how to render written legal opinions that are orderly, brief, readable—and free of unnecessary Latin phrases and archaic repetitive jargon. A group of UMCP English professors has traveled the country for ten years doing just that. Since states require judges to take a varying number of continuing education credits a year, here is a helpful and convenient option.

Available to: Judges, legal specialists

Fees: Depend on service.

Information:
Dr. Charles S. Rutherford
Judicial Writing Course
Room 1102 Francis Scott Key Hall
UMCP
College Park, MD 20742
(301) 454-6794

Law History Seminars. An annual series of four lectures on a segment of law history is presented jointly by UMAB's School of Law and The Johns Hopkins University, with the location oscillating between the two. The 1988-89 series is on "Crime in England and America," with lectures in September, November, January and March at 4pm.

Available to: Anyone

Fees: Free

Information:
Professor Andrew King
Co-coordinator
Law History Seminars
School of Law
UMAB
Baltimore, MD 21201
(301) 328-5459

Law-Related Education Program for the Schools of Maryland. See index.

Law Student and Alumni Career Services Office. Job openings for law students or for graduates who are members of the bar may be advertised through this office. Positions may be part-time or full-time; on-campus interviews may be arranged.

Available to: Interested parties

Fees: FREE

Information:
Spring J. Walton, Assistant Dean
Career Services
School of Law
UMAB
500 W. Baltimore St.
Baltimore, MD 21201
(301) 328-2080

Legal Aid Office, Adele H. Stamp Student Union. Free legal assistance for UMCP students, especially in landlord-tenant and insurance matters. 454-2847.

Legal Aid Office, UMBC. Free, confidential advice to the UMBC community on law-related matters. Room 208, University Center. Call 455-3616 for hours.

Legal Aid, Other UM System Offices. Please call the hotline for referral, 454-3000.

Legal Materials. Photocopied free for residents of Maryland state institutions by UMAB Law School library. Information: 328-7270.

Maryland Institute for Continuing Professional Education of Lawyers. Practicing attorneys receive helpful continuing education courses, seminars and workshops through this program which combines the resources of the University of Maryland School of Law and the University of Baltimore Law School with those of the Maryland State Bar Association and local bar associations. The educational programs are presented throughout Maryland.

Available to: Attorneys

Fees: Vary

Information:
Robert H. Dyer, Jr., Director
Maryland Institute for Continuing
Professional Education of Lawyers, Inc.
520 W. Fayette Street
Baltimore, MD 21201
(301) 328-6730

Maryland Law Forum. Published by UMAB School of Law students, this contemporary legal journal focuses on social and legal issues.

Available to: Concerned parties

Fees: Subscription $11; single issue $5.50.

Information:
Maryland Law Forum
School of Law
UMAB
500 W. Baltimore St.
Baltimore, MD 21201
(301) 328-7214

Maryland Law Review. Published four times a year by the University of Maryland law students, this scholarly journal examines legal issues of both national and regional interest. It includes articles and book reviews by legal scholars, practitioners and students. Spring 1988 issue on securities and insider trading was a sell-out.

Available to: Anyone

Fees: Annual subscription $20 ($10 for Maryland Bar members), single issue $6.

Information:
Editor-in-Chief
Maryland Law Review
School of Law
UMAB
500 W. Baltimore St.
Baltimore, MD 21201
(301) 328-7414

Maryland Public Interest Law Project. This non-profit organization unites UMAB law students with public interest organizations needing summer clerks, and helps raise funds to pay salaries of student interns choosing to work in public service during the summer. Information: 328-3803.

Paralegal Studies Program. Law firms, corporations, banks, real estate companies, trade associations, labor unions and interested businesses may call this UMUC program to post their job openings or to refer candidates for enrollment. A document in paralegal studies is offered upon completion of a ten-course program. Free paralegal career seminars are held three times a year, just before the semester starts.

Available to: As above

Fees: Job postings, FREE; courses, standard University tuition.

Information:
Hannah Kaufman, Program Manager
Paralegal Studies Program
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7054

States Attorneys' Coordinator. This program provides liaison between Maryland States Attorneys and all other branches of government, as well as offering legal education to Maryland States Attorneys and their staffs.

Available to: Maryland States Attorneys and their staffs.

Fees: Depend on service.

Publications: Bimonthly newsletter for Maryland prosecutors, FREE.

Information:
David Hugel, Coordinator
States Attorneys' Coordinator Office
School of Law
UMAB
500 W. Baltimore St.
Baltimore, MD 21201
(301) 328-6334

Women and the Law. All day conference presented annually in March by UMAB School of Law and the Department of History of The Johns Hopkins University. Information: 328-5459.

ENERGY

Cooperative Extension Service. Community Resource Development dispenses information and publications, sponsors workshops, and provides local government energy management assistance. Dr. Nan Booth, Community Energy Specialist, 454-5420. (For research in energy, call the hotline, 454-3000.)

Energy-efficient Housing. In an ongoing effort with the Department of Housing and Community Development, the School of Architecture at College Park has undertaken a continuing demonstration project of research and design to create low-cost energy-efficient housing for the State. Two single family houses in Cumberland and three duplexes in Annapolis have been constructed as prototypes, and additional designs are available.

Available to: Information, anyone; expertise for non-profit housing groups and governmental agencies.

Fees: Negotiated through CADRE (see index).

Publications: Guidebook of research through DHCD.

Information:
Ferdinand S. Johns, AIA
School of Architecture
UMCP
College Park, MD 20742
(301) 454-3427

Energy Research, Agricultural. Scientists from four major disciplines are looking for ways to convert vegetable oils from seed crops into diesel fuel extenders. Wanted: cost-efficiency and a feed by-product for farm animals. For update, call the University of Maryland Agricultural Experiment Station, 454-3707.

Laboratory for Plasma and Fusion Energy Studies. Long term goal: controlled thermonuclear fusion, which would provide a lasting solution to the energy problem. Scientists in the Laboratory conduct research in high temperature plasma physics and on intense charged particle beams. The Laboratory is housed in the new Energy Research Building at UMCP, along with computer facilities and a research library. Dr. Hans R. Griem, Director.

Available to: Concerned parties

Fees: N/A

Publications: Research articles on file in Engineering Library.

Information:
William K. Jenne, Associate Director
Laboratory for Plasma & Fusion Energy Studies
Energy Research Building
UMCP
College Park, MD 20742
(301) 454-3516

Middle-Atlantic Consortium for Energy Research. Surveys and collects plants which have high hydrocarbon content and are found on the Eastern Shore of Maryland. They will be developed as sources of petroleum, for fuel and products.

Available to: Industry

Fees: None

Information:
Dr. Robert B. Dadson
Middle-Atlantic Consortium for Energy Research
Soybean Research Institute
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 676

Somerset and Worcester County Energy Education Program (SWEEP). SWEEP spreads the word to Somerset and Worcester homeowners and business people about energy and how to save it. SWEEP has everything from open workshops, a mobile unit complete with demonstration materials, and information centers stocked with brochures and booklets.

Available to: Somerset and Worcester County residents.

Fees: FREE

Information:
Dr. Louis Thaxton, Director
SWEEP
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 641

GOVERNMENT

ASSIST. Local governments can seek problem-solving assistance from ASSIST, a computerized data-base made available through the University of Maryland Cooperative Extension Service. From "Administration" and "Business Attraction" through "Water Quality", ASSIST offers key-subject categories describing innovative and successful solutions to related problems. Ask for Request for ASSIST forms if you wish to use the service.

Available to: Local governments

Fees: FREE

Information:
Dr. Nan Booth
Community Resource Development and Energy
Cooperative Extension Service
3220 Symons Hall
UMCP
College Park, MD 20742
(301) 454-5420

Bureau of Governmental Research. The Bureau of Governmental Research is an old Maryland institution with a renewed commitment to public service as part of UMCP's School of Public Affairs. In the decades after World War II, the Bureau activity assisted state and local governments in improving their services and operations. The Bureau has recently been reactivated to apply policy research to the problems and issues facing Maryland governments. The Bureau enriches policy debate by providing government officials and agencies with data and analyses on the policy questions of the day. Through publications, conferences, and other means, the Bureau links the University of Maryland System and the State Capitol. It will be available to agencies which seek high quality analysis of the options they must deal with on a continuing basis as well as of the longer-term objectives of public programs.

Available to: All parties

Fees: Depend on service.

Publications: *Maryland Policy Studies*, No.1 in August 1988 is "Chesapeake Bay Policy."

Information:
Dr. Allen Schick, Director
Bureau of Governmental Research
School of Public Affairs
UMCP
College Park, MD 20742
(301) 454-7239

Census Data, U.S. Access complete and current U.S. Census data stored on the mainframe at UMCP's Computer Science Center. Information from User Services: ask for John McNary at 454-6030.

Center for Instructional Development and Evaluation. Applies the University System's academic resources to the modern needs of government. See index.

Center for International Policy Analysis, Research and Social Theory(CIPAR). This UMBC center coordinates and promotes all international activities, including education programs and research. Each fall and spring CIPAR hosts an International Seminar Series featuring both faculty and outside experts as speakers; open to the public, usually held mid-day or late afternoon.

Available to: Anyone

Fees: Depend on service.

Publications: Newsletter each semester lists faculty international research, books.

Information:
Dr. Jay Sokolovsky, Director
CIPAR
Department of Sociology
UMBC
Baltimore, MD 21228
(301) 455-3979 or 2084

City-Campus Cooperation Committee. Established by the UMCP Chancellor to enhance the town-gown relationship between the University's campus of over 35,000 and the City of College Park. Special current emphasis: spiffing up the Rt. 1 business district. For an update, please call the hotline, 454-3000.

Engineering Research Center. Provides quick response solutions to engineering problems of various state agencies. Coordinates faculty for multi-disciplinary problems of federal agencies. See index.

Environmental Conservation Organization. This is the link on the UMCP campus to people interested in environmental problems and policy. For example, ECO's major ongoing project: the campus recycling center.

Available to: Anyone

Fees: FREE

Publications: Brochure describing activities, free on request.

Information:
Environmental Conservation Organization
1211N Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-7325

Family Community Leadership Project. Trains professionals and volunteers to teach Maryland residents how to participate more effectively in community affairs. Specific instruction in leadership, group process, volunteerism, issue analysis and public policy. A Cooperative Extension project funded by the W.K. Kellogg Foundation. Information: 454-3742.

Government and Politics, Department of. Recent services to the State by this UMCP academic unit include: a study of the State of Maryland fiscal budget, a study of the Maryland legislative management system, and a simulation of funding implications for community health care programs. Interns to work with federal, state, local or regional organizations (including government agencies, interest groups and political parties) are available through the Graduate Public Service Intern Program and with departmental faculty advisors through Experiential Learning Programs (see index). The department's political science honorary society for undergraduates, Pi Sigma Alpha, provides free tutoring on an appointment basis. An open-to-the-public speaker series features prominent state and national figures. George H. Quester, Chair.

Available to: Anyone

Fees: Depend on service.

Information:
Administrator
Department of Government and Politics
2181 LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-6744

Health and Lifestyle Programs. Geared to governmental agencies, instruction and strategies for: stress management, drug abuse prevention, aging/retirement/life transitions, and AIDS education and prevention. Contact: Office of the Dean, College of Physical Education, Recreation and Health, 454-5616.

Institute for Governmental Service. The Institute for Governmental Service provides information, applied research, consulting, and technical assistance to Maryland's municipal and county governments and to agencies of state government. Depending on the needs of a governmental organization, the Institute writes or revises codes and charters, researches and drafts ordinances, conducts program evaluations and special studies, provides management analyses, conducts specialized workshops and seminars, offers technical assistance in selecting and implementing computer systems, and provides other services. The Institute's activities cover the general areas of governmental operation and management, and public policy. Although located on the UMCP campus, IGS is a unit of the University of Maryland System Administration.

Available to: Municipal and county governments, state agencies, citizen and community groups, and non-profit organizations.

Fees: Some FREE, others nominal or negotiated based on service and ability to pay.

Publications: FREE on request: *Outreach*, bi-monthly newsletter;

Maryland Government Report, quarterly research publication on public policy issues. Analytical reports from various studies, and copies of charters and codes of ordinances, available for a nominal fee.

Information:
Dr. Brian M. Gardner
Institute for Governmental Service
Suite 2101, Woods Hall
UMCP
College Park, MD 20742
(301) 454-2507

Institute for Philosophy and Public Policy. Think of public policy issues that people will be debating over the next decade-nuclear strategy, equal opportunity, the risks of new technologies, the influence of the mass media, environmental protection. UMCP's Institute for Philosophy and Public Policy examines such topics, publishes its findings, and develops teaching materials and curriculum for use in public programs as well as in traditional academic departments. Three types of workshops and briefings are held each year for policymakers, academics, and the general public on the philosophical implications of current policy choices. Dr. Douglas MacLean, Director.

Available to: Anyone

Fees: Depend on service.

Publications: Brochure and order form, on request. Working papers, $2.50 each. *QQ-Report from the Institute for Philosophy and Public Policy*, FREE quarterly newsletter. Maryland Courses in Public Philosophy, $1.00 each. Article off-prints, $1.00 each. Teaching Modules, $2.50 each. Books, varied prices. (Send for list of titles in each category.)

Information:
Claudia Mills
Institute for Philosophy and Public Policy
0123 Woods Hall
UMCP
College Park, MD 20742
(301) 454-4103

Institute for Urban Studies. Metropolitan-area program managers and planners in need of expert consultation are invited to call this interdisciplinary academic unit. Economic development planning and the information age metropolis are primary policy interests. Students on their way to bachelor's or master's degrees in Urban Studies may be contacted for internships through the Institute; one semester lead time is required. Professional MCP planning degree available in cooperation with UMAB.

Available to: Anyone

Fees: Depend on service.

Publications: Urban Studies Monograph Series:
No. 1, 1983, *Ending Unemployment: Alternatives for Public Policy* by Melvin R. Levin, $12.
No. 2, 1983, *The Coming of the Transactional City* by Jean Gottmann, $12.
No. 3, *Social Areas in Cities: Past and Future* by Harold Carter, $3.
No. 4, *The High Technology of Silicon Valley* by Everett M. Rogers, $5.
No. 5, *New Technologies and Services: Impacts on Cities and Jobs* by Thierry J. Noyelle, $6.
No. 6, *Megalopolis Revisited: 25 Years Later* by Jean Gottmann, $8.
Urban Studies News, monthly department newsletter, on request.

Information:
Dr. Kenneth E. Corey, Director
Institute for Urban Studies
1113 LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-2241

Local Economic Options (LEO). A program to help local officials and citizens understand better the nature of local economic problems and options for overcoming them. Available through the University Cooperative Extension Service, LEO experts will facilitate strategic economic planning meetings and link small communities with resources available in state government, federal agencies and institutions of higher education.

Available to: As above

Fees: FREE

Information:
Dr. Phil Favero
Community Resource Development and Energy
Cooperative Extension Service
3220 Symons Hall
UMCP
College Park, MD 20742
(301) 454-5420

Maryland Government Executive Institute. This three week residential program is held each fall for Maryland's public sector executives. Designed by UMCP's College of Business and Management, the program is held at The Aspen Institute at Wye, Maryland (see index). Topics: managing human resources, crisis management, ethics, marketing, budgeting, public finance, managing external relationships including the press, and managing change.

Available to: Maryland public sector executives.

Fees: $3,500 includes room and board.

Publications: Brochure describing program, on request.

Information:
Dr. Patricia D. Stocker
Director of Executive Programs
College of Business and Management
3140 Tydings Hall
UMCP
College Park, MD 20742
(301) 454-2406

Maryland Institute for Policy Analysis and Research (MIPAR). Established at UMBC in 1982 to provide a formal link between University analysts and public policy-makers in Baltimore and the state. Sample projects: a proposal for restructuring the Maryland Job Service; assistance and research to a blue ribbon commission of top business, labor, and government leaders to improve the citizenry's economic well-being; sponsoring a conference on the future of Social Security in the U.S.; talking to Baltimore City administrators about how policy analysis can help in the solution of urban problems.

Available to: Anyone

Fees: Depend on service.

Publications: Research publication series.

Information:
Dr. George R. LaNoue, Acting Director
MIPAR
Administration Building
UMBC
Baltimore, MD 21228
(301) 455-3202 or 744-1808

Maryland Project for Women and Politics. A unique effort to generate a base of women elected leaders in Maryland and to prepare women to work in public policy areas which relate to gender and women's issues. The Project at UMCP provides fellowships, mentorships, internships, seminars and research on gender-related public policy issues. Begun in January 1988: an exciting interactive computer learning system and information base between the Women Legislators of Maryland in Annapolis and interested students, faculty and public—on legislative matters and public policy issues which concern women. For example, the work of a UMCP professor on teenage pregnancy was plugged into the network when that issue was before the legislature. The project offers public seminars such as one on "Evolutionary Leadership" in 1988, technical assistance to other colleges or universities wishing to create similar programs, and sponsors the Anna Karavangelos Chapter of the Maryland Women's Political Caucus.

Available to: Anyone

Fees: FREE

Information:
Georgia Strasburg Sorenson
Director
Maryland Project for Women and Politics
Suite 2169, LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-6681

Maryland Public Interest Research Group, Inc. (MaryPIRG). This nonprofit research and publication organization of UMCP students works to promote a variety of public interest issues throughout the state of Maryland, including consumer, housing, environmental and legislative issues.

Available to: Anyone

Fees: None

Publications: *The Maryland Consumer Handbook* with preface by Ralph Nader, $1.50.

Information:
David P. Arrow, Executive Director
MaryPIRG
3110 South Dining Hall
UMCP
College Park, MD 20742
(301) 454-5601

Maryland Public Polling Project. Decision makers at all levels of Maryland government should find the services of this UM office useful. Created in January 1988, the Project performs public opinion surveys and provide other survey-related assistance to state agencies and local governments in Maryland. A major endeavor of the Project is the Maryland Omnibus Poll, usually conducted in both spring and fall each year, which finds out

what the public thinks on a variety of issues, and provides demographic information in the state. Any agency may fund questions of interest to their policy-related concerns. In the planning stage: a handbook for conducting surveys, and seminars on data analyses for interested groups. Consulting is available to individuals or agencies considering a survey; feasibility advice, and design of survey instrument by arrangement.

Available to: As above

Fees: Depend on service.

Publications: *The Maryland Poll, Citizens' Views About Maryland*

Information:
Sue Dowden, Director
Maryland Public Polling Project
Art Sociology Building
UMCP
College Park, MD 20742
(301) 454-6800

Philosophy, Department of. Two outreach programs under this UMCP academic unit are the Center for Philosophy and Public Policy and the Committee on History and Philosophy of Science (see index). The department itself hosts a Colloquium Series on a variety of philosophical questions to which the public is invited. If interested, write for schedule to Secretary, Department of Philosophy, at address below. Faculty members have expertise in matters of public concern and are available for speaking or consultation. Ask us.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Michael Slote, Chair
Department of Philosophy
1131 Skinner Building
UMCP
College Park, MD 20742
(301) 454-2850

Policy Sciences Graduate Program. Consultation can be arranged with this UMBC academic unit regarding fiscal, health, human services, land use and regional planning, educational, legal or managerial policy.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. George R. LaNoue, Director
Policy Sciences Graduate Program
UMBC
Baltimore, MD 21228
(301) 455-2180

Public Affairs, School of. The School of Public Affairs is a graduate school of public policy on the College Park campus. It offers opportunities for both pre-career and mid-career students. Mid-career students may attain a master's degree while continuing their employment by attending late afternoon classes taught by regular faculty. Areas of program emphasis within the School include: Public Policy and Private Enterprise, Public Sector Financial Management, and National Security Studies. Non-degree programs in these areas are also available. The School offers a wide variety of research and development programs, including the Institute for Philosophy and Public Policy, the Bureau of Governmental Research and the U.S. Foreign Policymaking Program. See index. Dr. Michael Nacht, Dean.

Available to: Qualified persons

Fees: Standard tuition

Publications: Program brochures, annual report.

Information:
Lyn Chasen, Assistant Dean
School of Public Affairs
UMCP
College Park, MD 20742
(301) 454-7238

Thomas M. Bradley Center for Employment and Training Education and Research. A special link between the University and state and local government in Maryland, the Center was created at UMBC in Summer 1985 for graduate student study of public policy issues related to delivery of services to Marylanders. The Center also instructs staff from the state's Department of Economic and Employment Development, and performs research on employment and training policy and administration. These services were found to be of crucial importance to Maryland's economic development. The Center is named for the late president of the Maryland-DC AFL/CIO.

Available to: As above

Fees: Depend on service.

Information:
Dr. Stephen F. Seninger, Director
Thomas M. Bradley Center
UMBC
Baltimore, MD 21228
(301) 744-1808

University Research Foundation. Not-for-profit affiliate of the University System helps it collaborate with government in research and development projects. See index.

William Donald Schaefer Center for Public Policy, The. Established in 1985 to provide the public and private sectors with research, training, and development, as well as educational programs which focus on public policy issues of importance to the city and state.

Available to: Public and private sectors.

Fees: Depend on service.

Information:
Dr. Larry Thomas, Director
The William Donald Schaefer Center for Public Policy
University of Baltimore
1420 North Charles Street
Baltimore, MD 21201
(301) 333-2657

INTERNATIONAL

African American Studies. Presents musicians, artists, humanities lectures and other activities that focus on the contributions of blacks in Africa and around the world. This UMBC department sponsors exhibits of African and African-American arts in the UMBC Albin O. Kuhn Library and Gallery, and arranges special programs on African culture for senior citizens and high school students, both on and off campus. The UMBC Black History Committee is an off-shoot of the department.

Available to: Anyone

Fees: FREE

Information:
Dr. D. Harrison, Chair
Department of African American Studies
UMBC
Baltimore, MD 21228
(301) 455-2158

Biotechnology International Program. Researches areas of the world that might be fertile markets for emerging biotechnologies. This new UMCP program is part of the International Development Management Center. Director, Dr. Robert T. Yuan, 454-6698 or 7656.

Center for International Development and Conflict Management. Primarily a UMCP research organization that assists many governmental agencies, both in the U.S. and abroad, on the subjects of development, conflict resolution and world order. One of the Center's central concerns is applied research in facilitated international conflict resolution. Another is studies on ethnic, cultural ideological and stability trends in Central and South America, Asia, the Middle East and Sub 'Sharan' Africa. The Center is host to visiting scholars from overseas. It periodically offers brown bag lunches, seminars, workshops and lectures on international issues such as competitiveness, debt, trade and negotiations that are open to the public. The Center is very proud to have the affiliation of Mrs. Jehan Sadat as a distinguished lecturer and supporter of the creation of its Anwar Sadat Chair. Dr. Edward E. Azar, Director.

Available to: Concerned parties and governments.

Fees: N/A

Publications: Newsletter, distinguished speaker series brochures, and copies of reports on request.

Information:
Ann Matthews
Center for International Development and Conflict Management
Mill Building
UMCP
College Park, MD 20742
(301) 454-2506

Center for International Extension Development. Based at UMCP, CIED studies and advances rural development and comparative agricultural extension education in an international setting. Ask about the Center's collection of documents on rural extension systems around the world. Center faculty have undertaken international missions to countries such as Canada, India, Mexico, and Pakistan to evaluate and assist extension services. The public is welcome to attend the Center's colloquia series on these general themes. Please call for dates.

Available to: As above

Fees: None

Information:
Dr. William M. Rivera
Center for International Extension Development
College of Agriculture
UMCP
College Park, MD 20742
(301) 454-4933

Center for International Policy Analysis, Research and Social Theory (CIPAR). See index.

Center for International Security Studies at Maryland (CISSM). A UM System-wide partnership administered by the School of Public Affairs at UMCP. Combines research and educational initiatives in the field of international peace. Samples: seminars, national conferences, research projects such as one on the relationship between economics and national security.

Available to: Concerned parties.

Fees: Depend on service.

Information:
Dr. Catherine M. Kelleher
Center for International Security Studies at Maryland
School of Public Affairs
UMCP
College Park, MD 20742
(301) 454-4322 or 6193

Contemporary Asian Studies Series. Read what scholars in a variety of fields have to say about current problems relating to Asia, especially to China (Mainland and Taiwan). There are six issues annually. Title of a sample issue: *Chinese Law and Justice: Trends Over Three Decades.* List upon request.

Available to: Anyone

Fees: $2 to $7 per issue; or $15 for six issues subscription. ($20/year overseas.)

Information:
Dr. Hungdah Chiu or
Dr. Joanne Chang
School of Law
UMAB
500 West Baltimore St.
Baltimore, MD 21201
(301) 328-3870 or 7579

East Asian Legal Studies Program. Provides research or consultation on Chinese law (both Mainland and Taiwan), international law, or transactions problems concerning China. Translation of Chinese legal documents or materials is available. A small, specialized research library is maintained in Room 232, Law School Building.

Available to: Anyone

Fees: Depend on service.

Publications: Send for list of Occasional Papers/Reprints Series in Contemporary Asian Studies. Prices $1 to $7.

Information:
Dr. Hungdah Chiu
East Asian Legal Studies Program
School of Law
UMAB
500 W. Baltimore St.
Baltimore, MD 21201
(301) 328-7579

U.S. Foreign Policymaking Program. Brings select group of foreign mid-career profess.onals with involved interest in U.S. to UMCP's School of Public Affairs to study U.S. foreign policy process. Program runs seven months, from January to July. Each Fellow is expected to do research project tailored to specific interests of home country.

Available to: As above.

Fees: Supported by the Ford Foundation.

Information:
Dr. I. M. Destler, Director
U.S. Foreign Policymaking Program
School of Public Affairs
UMCP
College Park, MD 20742
(301) 454-7248 or 6193

"Global Village, A". Beginning in Spring 1989, a full package of lectures, performances, films and other international activities will heighten UMBC student awareness of the international scene. The public is invited to attend this intended perennial. Please call for a schedule of events.

Available to: Anyone
Fees: Free

Information:
Dr. Daphne Harrison, Chair
Afro-American Studies Department
UMBC
Baltimore, MD 21228
(301) 455-2158

Institute for International Information Programs. Encourages U.S. participation in international information programs and monitors international research in information science and technology. For more information, please call Dr. Paul Wasserman, College of Library and Information Services, UMCP, 454-6070.

International Activities, Other UM System Members. For information and referral to international activities, interests and expertise not listed in this section, please call the University Relations Office of the appropriate campus. See index.

International Affairs, Office of. Here is the University's world-wide research and training link. Besides help on finding funding for individual and collaborative researchers, the OIA is a key source for arranging the logistics of foreign research and travel. Foreign countries seeking University experts from any campus or component, for individual work or work with colleagues at a foreign institution, would find OIA the right access point.

The Office also offers a monthly lecture series on subjects of international interest once a month during the school year. Call to be on the announcement mailing list.

Available to: Concerned parties

Fees: N/A

Information:
Dr. Talaat E. Shehata, Director
Office of International Affairs
1113 North Administration Building
UMCP
College Park, MD 20742
(301) 454-3008

International Business Faculty. International business is an area of strong current strength and interest in the College of Business and Management. For liaison to specific expertise, please call the hotline, 454-3000.

International Business and Management Institute. Offered in Tokyo and Seoul as well as at University College (UMUC) in Maryland. See index. Contact Dr. Richard Schreck, Director of International Programs, 985-7442.

International Clearinghouse on Science and Mathematics Curriculum Development. A collection of study materials from all over the world, includes computerized programs, books, films, tapes and manuals. Located at UMCP, it is the official National Science Foundation archives collection. See index.

International Development Management Center. Drawing on the extensive resources of the University-system, the Center conducts research and provides training and technical assistance, both in the U.S. and overseas. Special focus areas: managing agricultural programs and strengthening of institutions working to enhance development. Expertise offered in: project design, implementation and evaluation; preparing technical assistance teams; and applying information technology to development management. The Center cooperates with developing countries, universities and other agencies engaged in development.

Available to: Domestic and international organizations.

Fees: Standard University charges.

Publications: Acquiring and Using Microcomputers in Agricultural Development: A Manager's Guide; *Studies in Development Management*, a 4-part book series of lessons concerning managers, programs, and institutions of international development.

Information:
Dr. Marcus D. Ingle, Director
International Development Management Center
3220 Symons Hall
UMCP
College Park, MD 20742
(301) 454-7657

International Education Services, Office of. Information center at UMCP for foreign students, faculty and guests. Also offers help to those going abroad. See index.

International Festival. Every Fall UMES holds an Ethnic Festival featuring international foods and entertainment on the campus. The "parade of nations" event features native costumes from each region, usually in mid-October. For more information, please call University Relations at UMES, 651-2200, ext. 206.

International Lecture Series. Noon hour lectures at UMCP explore issues of international concern. Recent title: "Programs and Plans for Increasing Maryland Agricultural Exports." Information from the Office of International Programs, 454-6407.

International Lecture Series, Vice President's. Lectures three times per semester from noon to one in the Maryland Room of Marie Mount Hall, UMCP. Sample, "American Experience and China's Urban Choices." Information from the Office of International Affairs, 454-3008.

International Negotiation Project. Often international diplomacy is conducted with linguistic shortcomings. The consequences can be serious. Hence this five-year old, grant-supported interdisciplinary program's purpose in teaching "message comprehension" instead of "word-for-word" translation. Computer simulated international situations give immediacy to the training. 700 students around the world are currently participating. Negotiations are conducted in seven languages. Instructors of foreign language and international studies in the U.S. may use the simulations, and other concerned parties may request technical or consulting assistance from the project directors. Summer program for gifted and talented students.

Available to: As above

Fees: Simulations, $600 per semester for U.S. institutions; others depend on service.

Publications: User manual for simulations, on request.

Information:
Dr. Jonathan Wilkenfield, Director
Communication and Negotiation Simulations Program
Department of Government and Politics
UMCP
College Park, MD 20742
(301) 454-6729

International Programs, Office of. The University of Maryland System has a strong international dimension. The Office of International Programs at UMCP helps strengthen this dimension by facilitating faculty involvement in overseas activities in food, agriculture and nutrition. The Office manages University development assistance projects in the Caribbean, Central America and Egypt and facilitates exchanges with 16 foreign institutions with which the University has collaborative agreements. These institutions include universities, ministries of agriculture and international agricultural research centers. The Office of International Programs maintains a roster of faculty interested in international projects and programs and conducts weekly public seminars on international topics.

Available to: Faculty and students

Fees: Depend on service.

Publications: Newsletter on request, lists lectures and opportunities.

Information:
Dr. John R. Moore, Assistant Dean and Director
Office of International Programs
3220 Symons Hall
UMCP
College Park, MD 20742
(301) 454-6407

International University Consortium. Network of colleges and universities in English-speaking countries around the world is linked with cable TV to offer degrees to adult students. See index.

Japan in the Schools Program. Explaining the culture to secondary school teachers, see index.

Maryland Initiative for Language Studies. New in Spring 1985, an effort designed to make the University of Maryland System a center of excellence for activities dedicated to foreign language instruction and intercultural and international studies. One hoped-for result: developing foreign language links with secondary schools, government, industry. This new thrust is a University-generated response to the state's and the nation's critical need for people with both foreign language and foreign culture expertise. For an update, call the hotline, 454-3000.

Maryland Journal of International Law and Trade. Published twice a year by UMAB law students, this scholarly journal focuses on the legal problems arising in a transnational society. It features case notes with comments, essays by specializing practitioners as well as by students, and book reviews. A recent article, for example, was titled "The Euro-Siberian Gas Pipeline Dispute."

Available to: Anyone

Fees: Annual subscription $12. ($14 overseas).

Information:
Professor H. Chiu
Maryland Journal of International Law and Trade
School of Law
UMAB
500 W. Baltimore St.
Baltimore, MD 21201
(301) 328-6744 or 7579

National Extension Program for International Trade in Agriculture. With a goal of increasing public understanding of the links between domestic economic policies and world agricultural trade, this UMCP program is an access point for information, videotapes, computer games, and speakers. Sample: in Spring 1985 co-produced a televideo conference on agricultural trade policy beamed from Oklahoma State University to 30 universities around the country where it could be attended by professionals and laymen in agriculture, business, communications and government.

Available to: Anyone

Fees: FREE

Publications: Newsletter, bulletins and videotapes, by request.

Information:
Dr. Earl Brown
Department of Agriculture and Resource Economics
UMCP
College Park, MD 20742
(301) 454-3801

Women in International Security. As more women attend military academies, join the diplomatic corps, and are elected to public office, this program at UMCP's School of Public Affairs is designed to help women participate and prosper to their fullest capabilities in the vital field of international security. WIIS has created a network, the basis of which is a national data base for use as a source for speakers, mentors, mailing lists for conferences. Another WIIS thrust is professional development—by developing and distributing a directory of professional opportunities, and by offering pilot seminars on career development strategies with a select group of women established in the field.

Available to: As above.

Fees: Depend on service.

Information:
Frances G. Burwell, Coordinator
Women in International Security
School of Public Affairs
UMCP
College Park, MD 20742
(301) 454-6193

LEGAL CLINICS

AIDS Legal Clinic. Provides services for AIDS patients being treated at the University of Maryland Hospital. UMAB law students under guidance of professors help settle custody fights, investigate employment discrimination, pursue denied medical benefits, assuage bill collectors, cut administrative red tape, and do whatever else they can to se the patients' legal affairs in order. The all-volunteer project is an extension of the UM School of Law.

Available to: AIDS patients and families, as above.

Fees: FREE

Information:
Richard North, Director
AIDS Legal Clinic
School of Law
UMAB
Baltimore, MD 21201
(301) 328-3837 or 3295

Attorney General's Clinic. Any state resident who goes through the process of filing a complaint with the Consumer Protection Division of the Attorney General's Office may become a client of this UMAB clinic. The Clinic tries to mediate the matter and, if successful, may bring an administrative or civil action on behalf of the state to obtain relief. Other functions of the Attorney General's Clinic include providing advice to consumers,

reviewing legislation, and offering community education.

Available to: Maryland residents

Fees: FREE

Information:
Professor Roger C. Wolf, Director
Attorney General's Clinic
School of Law
UMAB
510 W. Baltimore St.
Baltimore, MD 21201
(301) 328-3836

Clinical Law Office. Under faculty supervision, UMAB law students permitted to practice by the Court of Appeals of Maryland provide legal advice and assistance. Areas of emphasis are the rights of the mentally disabled, petitions for special education, representation of juveniles in Juvenile Court, claims for social security disability, family problems including divorce and custody, representation of tenants with housing problems including lead paint poisoning and implementation of the right of first refusal, representation of AIDS patients and general representation of indigent persons. Directors, Professors Clinton Bamberger and Richard North.

Available to: Persons and community groups unable to employ an attorney.

Fees: FREE

Information:
Shirley Appelt, Administrator
Clinical Law Program
School of Law
UMAB
510 West Baltimore Street
Baltimore, MD 21201
(301) 328-3295

General Civil Practice Legal Clinic. Under faculty supervision and the Court of Appeals of Maryland Rules governing the practice of law by students, University of Baltimore law students provide legal advice and assistance to eligible clients. Students represent clients in cases such as legal problems involving the elderly, guardianships, denials of public benefits, civil rights violations, defense of contracts, and personal injury claims.

Available to: Persons unable to employ an attorney.

Fees: FREE

Information:
Anne Pecora, Director
Civil Practice Clinic
School of Law
University of Baltimore
1420 North Charles Street
Baltimore, MD 21201
(301) 625-3415

Homeless Persons Representation Project. Coordinates legal services and provides training for attorneys volunteering to assist homeless clients. One of the first of its kind in the nation, the project director is also developing a legal manual for representing homeless persons. The one-volume manual will be available in Fall 1988. Director, Professor Stanley Herr, UMAB School of Law, 328-3191.

Legal Aid Office, UMBC. Free, confidential advice to the UMBC community on law-related matters. Room 208, University Center. Call 455-3616 for hours.

Legal Aid Office, UMCP. Free, confidential advice to the UMCP community on law-related matters. Room 1219, Adele H. Stamp Student Union. Call 454-2847 for hours.

Legal Aid, Other UM System Offices. Please call the hotline for referral, 454-3000.

Legal Materials. Photocopied free for residents of Maryland state institutions by UMAB Law School library. Information: 328-7270.

REGIONAL AND COMMUNITY DEVELOPMENT

Architecture and Engineering Performance Information Center. Hopes to prevent structural failures such as the Kansas City Hyatt Regency in the future. See index.

Architecture Library. See index.

Architecture, School of. Enhancement of Maryland towns is a basic public service commitment of this UMCP academic unit. If town revitalization is called for, an initial FREE counseling session is offered to determine feasibility of cost, scope, possible face-lifting. Other special interests of the School are historic preservation, environmental design, and energy conservation in housing. For example, the School is currently collaborating in research on an architectural survey and excavation at the Eastern Byzantine City Gate in Israel, and as a summer course is involved in the restoration of the 30-room manor, Kiplin Hall, the ancestral home of the Calvert family of Maryland in North Yorkshire, England. A public lecture series on aspects of architecture is given annually in Baltimore and at UMCP. A part of McKeldin Graduate Library, the Architecture Library is located at the School of Architecture. One of the best in the country, it is open to the public for browsing and for lending to persons with a current UM library card. It includes the National Trust for Historic Preservation Library, the finest of its kind. Stop in on the first floor studio-level and see the current exhibit of architectural drawings and models in the Architecture Gallery. You'll enjoy touring the School of Architecture building-it's uniquely designed, an appropriate departure from the surrounding Georgian Colonial.

Available to: Anyone

Fees: Depend on service.

Information:
John Steffian, Dean
School of Architecture
UMCP
College Park, MD 20742
(301) 454-3428

Blue Chip-In Program/Summer Jobs Campaign. As part of the "people helping people" Blue Chip-In Program, UMAB provides a variety of summer work experiences for Baltimore city high school youth in campus offices and work settings. In 1985 over 35 students, most of them fresh high school graduates, worked at UMAB in this program. Offers career direction and some permanent job opportunities.

Available to: Blue Chip-In referrals.

Fees: N/A

Information:
Executive Assistant to the President
UMAB
520 Lombard Street
Baltimore, MD 21201
(301) 328-7004

CADRE Corporation. Here is the non-profit Center for Architectural Design and Research of UMCP's School of Architecture. The design team accepts projects that promise valuable experience, the opportunity to learn and practice design principles, or to study historic precedent. Sample projects: the design for the National Colonial Farm across the Potomac from Mt. Vernon, Bladensburg commercial revitalization, Tenleytown (D.C.) neighborhood analysis.

Available to: Interested groups

Fees: Depend on service.

Publications: Brochure about CADRE on request.

Information:
Charles Wagner
CADRE Corporation
School of Architecture
UMCP
College Park, MD 20742
(301) 454-3427 or 3428

Community Planning Program. A two-year cooperative academic program between UMCP and UMAB leading to a master of community planning degree. (Some evening courses available.) Will do studies for governmental agencies on community and regional planning, man's relationship with his environment, and social planning. The program is an important source for governmental agencies seeking planning interns.

Available to: Governmental agencies at all levels.

Fees: Depend on service.

Information:
Dr. Melvin R. Levin, Director
Community Planning Program
UMAB
525 W. Redwood St.
Baltimore, MD 21201
(301) 328-3600

Community Planning Seminars. Public seminars on community planning are occasionally offered through the UMAB School of Social Work and Community Planning. Free and open to the public. Information: 328-7790.

Community Resource Development. Still think of farmers at the mention of the University's Cooperative Extension Service? CRD takes the mission to public officials, community leaders and citizens in towns, cities, rural and urban counties. CRD faculty help communities develop strategic economic development plans, analyze public issues and improve organizational and group efficiency and services. Available to community organizations of all kinds is CRD's popular Group Efficiency Training program, a team building and decision making session that CRD faculty will bring to your location. Another extension program called Local Economic Options helps towns and rural counties with increasing job opportunities, economic planning, and improving community facilities. (Also see ASSIST in index for community problem solving assistance.) Local communities can also get help with water management and grantsmanship.

Available to: Local officials, community managers, and citizen leaders.

Fees: Generally, FREE

Information:
Dr. Ralph Adkins, Associate Director
Community Resource Development and Energy
Symons Hall
UMCP
College Park, MD 20742
(301) 454-5420

Community Water Management. A program to help local officials, community leaders and citizens better understand local water and sewer problems and the alternative means available for solving them. A water resources team of the University of Maryland Cooperative Extension Service will assist communities in problems of water quality, waste disposal, financing and setting of user rates.

Available to: As above

Fees: FREE

Information:
Dr. Dean F. Tuthill
Community Resource Development and Energy
2214 Symons Hall
UMCP
College Park, MD 20742
(301) 454-3801

Contemporary Community Series. Presentation on issues affecting urban regions or neighborhoods is part of UMBC's American Studies Department. See index.

Cooperative Extension Service. Numerous Community and Resource Development programs, Home Economics programs. See index.

Design Service Project. Experts from UMCP's Department of Housing and Design will coordinate art and design projects for non-profit organizations as a way of giving classroom instruction real-life excitement and applications.

Available to: As above.

Fees: Depend on service.

Information:
Dr. Joseph Ansel
Dr. James R. Thorpe
Coordinators
Design Service Project
Marie Mount Hall
UMCP
College Park, MD 20742
(301) 454-5471

Energy-efficient Housing. Demonstration project between School of Architecture and the State Department of Housing and Community Development, see index.

Family Research Center. Issues concerning families and the community are the focus of this UMCP center which provides research, training, and technical assistance on request. Recent projects: evaluation of a home maintenance program for the elderly, compliance study on accessibility for the elderly, and a study of residential satisfaction in HUD-assisted housing.

Available to: Concerned organizations, governmental agencies.

Fees: Depend on service.

Information:
Dr. Roger A. Rubin, Director
Family Research Center
Marie Mount Hall
UMCP
College Park, MD 20742
(301) 454-2142

Group Efficiency Training (GET). Get your team working together. A free workshop courtesy of the University can increase efficiency and productivity through training designed to fit your group's needs and time requirements. Possible topics: program planning, human relations, team building. Workshops conducted at your location can be one hour, one day or one week long.

Available to: Any group or organization.

Fees: FREE except materials.

Information:
Dr. Bruce W. Sorter
Community Resource Development
Cooperative Extension Service
1211 Symons Hall
UMCP
College Park, MD 20742
(301) 454-4249

Institute for Urban Studies. See index.

Laboratory for Coastal Research. A resource for any Maryland community with shoreline erosion problems. See index.

Recycling Center. If you're near the College Park campus, bring your bottles, cans, newspapers and used motor oil to the Recycling Center run by the student Environmental Conservation Organization. UMCP office workers should know that ECO also operates a high-grade paper recycling program on campus; departments are eligible for 40% of revenues from scrap paper they donate.

Available to: Anyone

Fees: FREE

Hours: University hours. For drop-off: Sun 10am to 3pm.

Publications: Brochure with map and directions for recyclable materials, free on request.

Information:
Environmental Conservation Organization
1211N Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-7325

Samuel J. LeFrak Lecture Series. Each year a distinguished urban scholar or practitioner visits the UMCP campus for a week or so of lectures and discussions on current and future issues in the development of cities and urban regions. Contact the Institute for Urban Studies for dates and times. (See index.)

Available to: Anyone

Fees: FREE

Publications: LeFrak Lecture monographs available on request.

Information:
Dr. Kenneth E. Corey
Institute for Urban Studies
1113 LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-2241

Textiles and Consumer Economics, Department of. The textile program in this UMCP academic unit is ready to provide all sorts of technical information about fabrics—such as flammability testing and performance property evaluation—and makes active internship arrangements with retail firms throughout the National Capital Area. The consumer economics side of the department offers the state assistance with consumer policy and the economic problems of consumption. Speakers are available upon request with expertise in either textiles or consumer economics.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. B. F. Smith, Chair
Department of Textiles and Consumer Economics
2100 Marie Mount Hall
UMCP
College Park, MD 20742
(301) 454-5150

SAFETY

Environmental Safety, Department of. Existing mainly to prevent hazards injurious to UMCP population or property, the Department of Environmental Safety serves in an ongoing capacity as advisor to government agencies and public groups. Popular issues include public fire safety education, asbestos control, chemical waste disposal and radiation safety. Within the department are groups specializing in fire protection, industrial hygiene, occupational safety, hazardous waste management, accident investigation, and radiation safety. Inquire about the FREE loan of films, slide/tape presentations, videocassettes, etc., on safety of all kinds (20 page booklet entitled Safety Education Programs, listing subject, title, time-span and commentary, upon request).

Edward W. Blackburn, Director.

Available to: Anyone

Fees: FREE

Publications: Safety Newsletter, FREE quarterly.

Information:
Robert W. Ryan, Assistant Director
Department of Environmental Safety
UMCP
College Park, MD 20742
(301) 454-5744

Maryland Fire and Rescue Institute. This University of Maryland state-wide educational and training program provides training for fire departments, rescue squads and emergency medical organizations as well as industry in such subjects as fire-fighting, rescue, emergency medical technology, ambulance operation, disaster planning and handling of hazardous materials. MFRI conducts symposiums, training labs and workshops throughout the state and in seven regional offices supported by mobile teaching labs. Audio visual training aids and a complete library of publications on emergency services are maintained in the Institute.

Available to: Maryland volunteer and career fire/rescue personnel; members of the industrial community.

Fees: FREE

Publications: FREE monthly bulletin containing news and calendar of events.

Information:
John W. Hoglund, Director
Maryland Fire and Rescue Institute
6200 Pontiac Street
Berwyn Heights, MD 20742
(301) 220-7240

Public Safety, Department of. Being responsible for the safety and security of the UMBC community includes such areas as Information, Emergency Aid, Lost and Found, and Police--any of which you might need from the Department of Public Safety as a visitor to the campus. The UMBC police will guest instruct, host police management training programs, and conduct informal campus discussion groups upon request. Several members are recipients of Student Government awards in recognition of their community contributions. FREE CPR classes are offered to the community, and seminars are hosted for law enforcement personnel from Washington, D.C., Delaware, Virginia and Maryland. FREE brochures, pamphlets and posters are available to the community upon request.

Available to: Interested parties

Fees: Usually FREE

Publications: See above

Information:
Robert C. Nielsen, Director
Department of Public Safety
UMBC
Baltimore, MD 21228
(301) 455-3133

Red Cross Water Safety Courses. Certified Red Cross training is available at UMCP for both lifesaving and instructing in aquatics. Choices are: 1) Advanced Lifesaving which certifies students to become lifeguards and includes training in water rescues, first aid, CPR, and supervision of waterfront areas, and 2) Water Safety Instruction which certifies students to become instructors of all levels of "learn to swim" classes from beginning through advanced swimming, as well as advanced lifesaving. UMCP swimming pools are used, dates and hours vary each semester.

Available to: High school graduates who register at UMCP.

Fees: Tuition

Information:
James R. Wenhold
Aquatics Director
Department of Physical Education
UMCP
College Park, MD 20742
(301) 454-2928

Risk Management, Division of. Because of its responsibility for all UMAB fire, occupational and laboratory safety programs (except those of the University of Maryland Hospital), as well as insurance claims, this Division serves as advisor and committee member to the Safety Council of Maryland. Experienced public speakers are available on safety and hospital infection control topics.

Available to: Concerned parties

Fees: Depend on service.

Information:
Sandra H. Polakavetz
Director of Risk Management
UMAB
737 West Lombard St., Room 442
Baltimore, MD 21201
(301) 328-3490

Safety Education Center. Here's teaching help on all aspects of highway safety. The Center at UMCP offers training for large vehicle drivers and instructors, training for emergency vehicle drivers and instructors, emergency medical service, accident causation and prevention, loss control and safety program management, and vehicle dynamics. The Center holds driver improvement courses for the elderly, teaches driver education for the handicapped and teacher/instructor preparation for the handicapped, has workshops on alcohol and traffic safety, motor fleet safety training, and many other courses, seminars and workshops on keeping roads accident-free. Training for corporations such as Greyhound Bus may be custom designed. One interesting new focus: psychosocial factors influencing safe performance. The facility includes a driving simulator laboratory, an off-street multiple vehicle driving range, training vehicles, and a library of highway safety and driving simulator films.

Available to: Local communities, the State, public and private organizations.

Fees: Some FREE; for programs involving manpower or facilities/equipment a reasonable fee charged.

Information:
Dr. Harvey E. Clearwater, Director
Safety Education Center, PERH
UMCP
College Park, MD 20742
(301) 454-2753 or 2629

SOCIAL WELFARE

Center for the Study and Prevention of Campus Violence. The Center was established in 1988 at Towson State University. Since 1987 the University has sponsored a three-day national Conference on Campus Violence, attracting college and university administrators from across the country. During the 1988-89 academic year the Center plans a third national three-day conference, as well as one-day conferences on specific issues related to campus violence.

Available to: Educators and other professionals who work with students, and who are concerned about this issue.

Fees: $175 registration fee for the Conference on Campus Violence (1988); $50 for 1988-89 one-day conference.

Information:
Dorothy Siegel
Vice President for Student Services
Towson State University
Towson, MD 21204-7097
(301) 321-2055

Community Service. Students at every campus of the University of Maryland System are donating time, energy and talent to benefit the world around them. From annual events like the "Dancers for Cancer" marathon to ongoing programs like Legal Aid for AIDS Patients, UM System students are working to benefit the sick, the elderly, the vulnerable, and to support positive societal issues. For an update or specific information, please call the hotline, 454-3000.

Department of Training, School of Social Work and Community Planning. The Department of Training is an annually funded (grant) program, administered by the University of Maryland's School of Social Work and Community Planning for the Maryland Department of Human Resources. It provides training for social workers in the 23 County and Baltimore City Social Services Agencies, training more than 3,000 workers per year. Through the development of training programs, the Department seeks to expand the knowledge of social work professionals, and to improve their skills and job performance. Often other social service workers such as

police officers, nurses, attorneys and judges benefit from the training. Seminar topics range from child abuse and neglect to Afro-American culture and adult protective services.

Available to: As above

Fees: Depend on service.

Information:
Laurie Richardson, Director
Department of Training
School of Social Work and Community Planning
UMAB
525 W. Redwood Street
Baltimore, MD 21201
(301) 328-3637

Maryland State Agency for Surplus Property. We often get asked how people can buy discarded UM furnishings and equipment. Desks, file cabinets, typewriters, heavy equipment, machinery, lab equipment and other federal surplus items are available inexpensively to public agencies or non-profit educational or public health organizations. The state surplus agency is a self-supporting unit of the Department of General Services.

Available to: As above

Fees: Depend on item.

Publications: Informational handbook FREE on request.

Information:
Gerald W. Smith, Director
Maryland State Agency for Surplus Property
Box 122
Jessup, MD 20794
(301) 596-1080 or 799-0440

National Institute Against Prejudice and Violence. The First national center created to study and respond to the serious problem of violence and intimidation motivated by racial, religious, and ethnic bias. The Institute, a non-profit organization, was established at UMAB in 1984. Four major areas of concern provide the framework for the Institute's program efforts: 1) Clearinghouse: collects, analyzes, produces, and distributes materials about prejudice, violence, and programs of prevention and response. 2) Research: scientific investigation of the causes of prejudice and violence and their effects on individuals and society. 3) Response: gives technical assistance to public agencies and voluntary associations, schools, and communities in conflict. 4) Education and Policy: analyzes and drafts model legislation, educates citizens, provides a forum for information exchange among experts, and conducts training.

Available to: Anyone, especially communities interested in prevention. Internships available.

Fees: FREE

Hours: M-F, 9am to 5pm.

Information:
Joan C. Weiss, Executive Director
National Institute Against Prejudice and Violence
UMAB
525 W. Redwood Street
Baltimore, MD 21201
(301) 328-5170

Office of Professional Development, School of Social Work and Community Planning. Addressing the needs of human service professionals and the community from its base at UMAB, the Office of Professional Development broadens knowledge and skills through a four-part program: 1)career placement for social work students and graduates, 2)programs which deal with a certain topic over an extended time period, 3)workshops, 4)institutes which bring together human service professionals and community members to examine commonly-shared issues.

Available to: Concerned parties

Fees: Depend on service.

Information:
Kyle Sanders, Director
Office of Professional Development
School of Social Work and Community Planning
UMAB
525 W. Redwood Street
Baltimore, MD 21201
(301) 328-5100

Policy Sciences Graduate Program. Consults on human services policy. See index.

Research Team in Applied Social Sciences. If you represent an agency concerned with the problems of delivery of services, this UMCP team can supply the information you need to help solve them.

Using surveys, census analyses, and other social indicators data systems, the team can make an assessment of need and judge how it compares to basic facilities and resources available. Among the team's clients is the National Institute of Mental Health.

Available to: Concerned agencies or organizations.
Fees: Cost negotiable

Information:
Dr. James W. Longest, Chair
Research Team in Applied Social Sciences
0214 Symons Hall
UMCP
College Park, MD 20742
(301) 454-5349 or 3738

Social Work Department. This UMBC academic unit prepares undergraduates for social work practice and for graduate study. It is affiliated with the School of Social Work and Community Planning at UMAB. The department provides assistance to professionals in the field in the form of research, technical assistance, and in-service workshops. These users may have the benefits of all UMBC services and facilities, including classroom space for their private workshops, seminars, etc. upon request. The department places approximately 90 interns per year in positions with its affiliates.

Available to: Concerned organizations and agencies.
Fees: Depend on service.
Information:
Roberta Greene, Chair
Social Work Department
UMBC
Baltimore, MD 21228
(301) 455-2145

Sociology, Department of. This UMCP academic unit performs research services for the state and county on various applied sociological problems. A project analyzing the dynamics of Maryland's labor markets is currently being conducted. The Department features a Center for Innovation which in conjunction with the College of Business and Management provides consulting services to the non-academic world. Also connected to the Department is the Survey Research Center (see index), which conducts surveys for government agencies, businesses and non-profit organizations.

Available to: Maryland agencies
Fees: Depend on service.
Information:
Dr. William W. Falk, Chair
Department of Sociology
2112 Art-Sociology Building
UMCP
College Park, MD 20742
(301) 454-5947

SURVEYS

Consulting Center for Statistics, UMBC. Established by UMBC's Department of Mathematics and Statistics in 1985 to provide a statistical consulting service for local industries as well as for the university community.

Available to: Anyone
Fees: Depend on service.

Information:
Dr. Peter Matthews, Director
Consulting Center for Statistics
Department of Mathematics and Statistics
UMBC
Baltimore, MD 21228
(301) 455-2412

Institute for Governmental Service. Surveys performed for local, state and national governmental agencies. See index.

Institute for Program Evaluation. If you need to collect data accurately, UMCP's Institute can help design collection procedures, do the data analysis, evaluate the implementation, and test and interpret the results. Organizations that the Institute has helped recently include the Maryland State Department of Education, the Health Care Finance Administration, and the National Institutes for Mental Health.

Available to: Anyone
Fees: Depend on service.

Information:
Dr. Robert W. Lissitz, Director
Institute for Program Evaluation
Department of Measurement, Statistics and Evaluation
College of Education
UMCP
College Park, MD 20742
(301) 454-3747

Institutional Research and Planning. When a survey is needed, this UMES office will consult on its design, planning and the resultant statistical studies. Organizations may also request general demographic information on the University and the local community.

Available to: State and federal agencies, industry, local governments, planning commissions and local school systems.

Fees: FREE, as time permits.

Information:
Dr. George W. Ossman, Director
Institutional Research and Planning
UMES
Princess Anne, Maryland 21853
(301) 651-2200, ext. 514

Maryland Public Polling Project. Helps local and state governments find out what their citizens are thinking—by taking surveys or teaching jurisdictions how-to. See index.

Measurement, Statistics, and Evaluation, Department of. Besides offering expertise in data collection and analysis, this UMCP academic unit contains the Institute for Program Evaluation (see index) which actually performs the service.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Robert W. Lissitz, Chairperson
Department of Measurement, Statistics, and Evaluation
College of Education
UMCP
College Park, MD 20742
(301) 454-3747

Office of Sociological Research. This UMBC office conducts telephone polling, including questionnaire design and analysis in Greater Baltimore area. Previous clients include TV stations, labor unions, and community organizations.

Available to: Interested parties

Fees: Negotiated

Publications: Survey reports on request.

Information:
Dr. William Rothstein
Office of Sociological Research
823AD
UMBC
Baltimore, MD 21228
(301) 455-2078 or 2000

Population Research Laboratory. Conducts national, regional or local telephone, interview, focus group and questionnaire survey research in Macintosh microcomputer environment. Originally designed for the in-house survey needs of UMCP's College of Physical Education, Recreation and Health, the Lab now offers its services to outside groups: complete data entry, management and analysis capabilities, generation of textual and graphic reports via desktop publishing.

Available to: University departments, community groups, hospitals, schools.

Fees: Depend on service.

Information:
Dr. Glen Gilbert
Population Research Laboratory
Suite 2387, PERH Building
UMCP
College Park, MD 20742
(301) 454-7720

Psychology, Department of. This UMBC academic unit performs surveys on a consultant basis.

Available to: Outside groups

Fees: Negotiable

Information:
Dr. Leon Levy, Chair
Department of Psychology, 322 MP
UMBC
Baltimore, MD 21228
(301) 455-2415

Research Team in Applied Social Sciences.
See index.

Survey Research Center. Finding out what people think is the business of UMCP's renowned Survey Research Center. Any organization that is open to full disclosure of data (no privileged information) may contract to use this highly professional center. Generally its computerized surveys are policy oriented on a statewide, regional or sectional basis with fees of $15 to $50 per interview depending on the study, sample size, etc. The Center will also construct and design questionnaires and calculate elementary and advanced statistics. Ask about the Center's workshops on survey methodology. Sue Dowden, Acting Director.

Available to: Interested agencies and organizations.

Fees: Depend on service.

Information:
Survey Research Center
1103 Art/Sociology Building
UMCP
College Park, MD 20742
(301) 454-6800

Survey Research & Development Center. Survey center located in UMAB's School of Medicine offers survey design, survey instrument layout, interviewer services and analysis of findings for personal, telephone, and mailed surveys. Dr. Irving I. Kessler, Chair.

Available to: Anyone

Fees: Depend on service.

Information:
Jay Magaziner, Ph.D.
Acting Director
Survey Research & Developmental Center
UMAB
655 W. Baltimore Street
Baltimore, MD 21201
(301) 328-3553

TRANSPORTATION

Campus Parking, Dept. of. This UMCP unit is responsible for the largest controlled parking area (more than 18,000 spaces) in the metropolitan Washington area. Technical assistance is offered in determining parking area adequacy, registration and towing policies, ticketing and aid to commuting handicapped. L. B. Jankowski, Director.

Available to: Maryland agencies, businesses, interested parties.

Fees: FREE

Information:
J. David Allen, Associate Director
Department of Campus Parking
UMCP
College Park, MD 20742
(301) 454-459

Geography Department, UMBC. This UMBC academic unit can provide information or analysis of problems relating to efficiency or effectiveness of transportation, map making, environmental management, or location of economic activities. Interns are available from late January to mid-May for geographical or environmental analysis or planning.

Available to: Concerned parties, government agencies or private firms.

Fees: Depend on service.

Information:
Dr. Keith Harries, Chair
Geography Department
UMBC
Baltimore, MD 21228
(301) 455-2002

Transportation, Business and Public Policy. This UMCP academic unit in the College of Business and Management offers expertise and consulting on efficient and—for the private sector—profitable transportation planning and methodology. Beginning in Fall 1988 professors are working in partnership with managment and administrators of the Port of Baltimore to develop an international business program and outreach activities. In the offing: curriculum development, internships, conferences and seminars with the Port, and the creation of a data base of international economic development aspects of the Port such as international users and transportation costs.

Available to: Concerned agencies and corporations.

Fees: Depend on service.

Information:
Dr. Thomas Corsi
Transportation, Business and Public Policy
College of Business and Management
Tydings Hall
UMCP
College Park, MD
(301) 454-5582

Transportation Studies Center. Since 1975 the Center has encouraged and coordinated interdisciplinary research in transportation. A self-supporting UMCP operation, the Center offers transportation short courses, workshops and conferences. Sample titles: Statistics for Safety Technicians, Traffic Control in Construction and Maintenance Work Zones. In addition, the Center will contract to perform transportation studies and surveys.

Available to: Anyone

Fees: Depend on service. List of short courses and fees available upon request.

Information:
Dr. Everett Carter, Director
Transportation Studies Center
Department of Civil Engineering
UMCP
College Park, MD 20742
(301) 454-2438

WOMEN

Abused Women. Women who have been sexually abused as children can receive group therapy from UMAB's department of psychiatry at the School of Medicine. Weekly sessions are led by skilled and caring professionals. Fees based on ability to pay. More information, call 328-6018 in Baltimore.

Aurora. Help for women alcoholics and their families at UMAB. See index.

Counseling Services. See additional listings in Counseling section, Chapter 8.

Feminist Studies. From historical articles like "Class and Gender in Victorian England" to relevant modern subjects like "The Power of Women's Networks," *Feminist Studies* provides a forum for feminist analysis, debate, and exchange. Poetry, art and other creative works are also included in this three-times-a-year UMCP academic journal. Contributors are encouraged; however, please request guidelines for manuscript format and artwork.

Available to: Anyone

Fees: Annual subscription $21 individual; $42 institution.

Information:
Claire G. Moses
Editor and Manager
Feminist Studies
Women's Studies Program
UMCP
College Park, MD 20742
(301) 454-2363

National Women's Studies Association. A national organization headquartered at the University of Maryland College Park, NWSA is the only organized network of individuals and academic/community based groups involved or interested in feminist education.

Available to: Anyone

Fees: Annual individual membership dues scaled to income; group memberships $75.

Benefits: Members receive quarterly NWSA newsletter, membership directory, plus discount subscription rates to several feminist journals. Annual conference.

Information:
Carol Combs, Office Manager
National Women's Studies Association
0128 LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-3757

Returning Students Program. At UMCP a way for women who have had a hiatus in their education to ease back in, comfortably. Help with everything from goal setting to study techniques. See index.

Support Center. University College addresses the needs of adults—often women—coping with changing and often conflicting roles of student, worker and family member. Workshops focusing on techniques for more effective life management and personal/professional development are offered in such areas as assertiveness training, values clarification, goal setting, decision-making and time management as well as study skills workshops. In addition, the center offers tutoring referrals.

Available to: Anyone

Fees: Some workshops FREE; varying fees for others.

Information:
Terry Hoffmann, Coordinator
Support Center
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7276

Women in International Security. Enhances women's advancement opportunities in this vital field with seminars, networking mechanisms, and career strategems. See index.

Women in Politics Project. Grooms UMCP women students for political participation and elected office, acts as a link between UM and the Women's Caucus. See index.

Women's Center. The Women's Center at Towson State University consists of a lounge, library and office. The lounge is available on a drop-in basis for study, conversation or a moment of relaxation. The library contains many books by and about women, as well as periodicals, information files, bibliographies, and a collection of women's studies syllabi. A wide-ranging referral system offers information about campus and community groups and organizations, individuals with skills and expertise in specific areas, and individual professionals in the fields of medicine, law, mental health, etc. The Center provides a bulletin board where job notices, newsletters, and information concerning conferences about women are posted. A variety of programs are offered free of charge to the public throughout the academic year.

Available to: Anyone

Fees: FREE

Information:
Women's Center
Media Center
Towson State University
Towson, MD 21204-7097
(301) 321-2666

Women's Studies Minor. Anyone concerned with the issue of women's status and gender equality can find information and consultation through the Women's Studies program at UMBC. The academic program offers an 18-hour minor that focuses on the analysis of women's experience, including their roles in the family, labor force, public policy, the arts, and media. Speakers, films and other public events are currently scheduled throughout the year.

Available to: Anyone

Fees: Depend on service.

Information:
Joan S. Korenman, Director
Women's Studies Minor
UMBC
Baltimore, MD 21228
(301) 455-2001 or 2040

Women's Studies Program. Is an interdisciplinary UMCP academic program designed to examine the historical contributions made by women, to reexamine and reinterpret existing data about women, and introduce students to the methodology of feminist scholarship by offering courses on women, encouraging the offering of courses on women in other departments and programs, and promoting the discovery of new knowledge about women. The Women's Studies Program sponsors assemblies, lectures, and cultural events which are always free and open to the public. News of these events can be obtained by reading *BRIDGING: A Women's Studies Newsletter*, published monthly during the regular academic year. The program also arranges internships for interested students with businesses, agencies, and organizations that provide services for women.

Available to: Anyone

Fees: FREE

Publications: Feminist Studies, academic journal (see index); *BRIDGING*, by request.

Information:
Dr. Evelyn T. Beck
Women's Studies Program
1115 Mill Building
UMCP
College Park, MD 20742
(301) 454-3841

BEST COPY AVAILABLE

CHAPTER THREE

FOR OUR PLANET

AGRICULTURE

Agriculture, College of/Life Sciences, College of. At UMCP the dean of both colleges is also the UM Vice President for Agricultural Affairs, interlocking the outreach, education, and research efforts of the University system. The Colleges' many programs date from 1856 when College Park campus was the Maryland Agricultural College. Contemporary curricula include computer and international applications, and the expertise available is virtually unlimited. Dean and Vice President, Raymond J. Miller.

Available to: Concerned parties

Fees: Depend on service.

Publications: *Excel*, FREE monthly newsletter; annual report.

Information:
Stephanie Brown
Assistant to Vice President
1104 Symons Hall
UMCP
College Park, MD 20742
(301) 454-3702

Agriculture Education. The teacher educators of the UMES Agriculture Education Department plan programs for and counsel Maryland F.F.A. and 4-H chapters, offering Spring Judging Day at UMES for them every April, a day of livestock, poultry, crop and other competitions.

Available to: Concerned parties

Fees: Usually FREE

Information:
Dr. Ivar D. Holmberg
Teacher Educator
Department of Agriculture
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 633

Agricultural Biotechnology, Center for. Important agricultural research thrust of the UM System's Maryland Biotechnology Institute. See index.

(AES) Agricultural Experiment Station. Stepping up its mission to address causes of "the greenhouse effect" and broad applications of agricultural biotechnology, the UM System's Agricultural Experiment Station operates nine research farms throughout Maryland (see listings that follow). In 1988 the farms were organized into four regional research and education centers linking them with the UM Cooperative Extension Service. AES also manages research programs in 10 academic departments at the College Park and Eastern Shore campuses. Field Days and open houses are held at all the farms during the year, and special tours of each may be arranged at any time. Information about research results is available to farmers, business people, agencies and concerned parties by request. Much of this information is contained in pamphlets and publications distributed by the Cooperative Extension Service. Dr. Robert A. Kennedy, Director.

Available to: Anyone

Fees: FREE

Publications: Annual report of research activities free upon request.

Information:
Kevin Miller
Office of Information and Publications
Maryland Agricultural Experiment Station
Symons Hall
UMCP
College Park, MD 20742
(301) 454-3622

(AES) Agricultural Research Program. Federal and State agencies and industries/businesses interested in domestic or international research and related training performed by or at UMES may contact the Office of Research Director for Information about available services, capabilities and facilities. A Sponsored Funding Reference Library is also maintained. The Agricultural Research Program is a component of the Maryland Agricultural Experiment Station.

Available to: Interested parties

Fees: FREE; contractual services may be arranged.

Information:
Dr. Mortimer Neufville, Dean
School of Agricultural Sciences
Agricultural Research Program
UMES
Princess Anne, Maryland 21853
(301) 651-2200, ext. 221 or 528

(AES) Central Maryland Research and Education Center. This newly-created research and education center coordinates the work of five facilities, all listed below, that seek to address the agricultural issues of Central and Southern Maryland and transfer research-developed technology to users. Annual field days and farm tours are available. A summer 1988 sample:

Mid-July—Turfgrass, Cherry Hill, Silver Spring: tours of turf plots, equipment, displays, crab feast.

Late-July—Tobacco, Upper Marlboro: field tours of tobacco and alternative crops, luncheon.

Available to: Anyone

Fees: FREE

Information:
Dr. Walter Williams, Acting Head
Central Maryland Research and Education Center
Rt. 2, Box 274
Laurel, MD 20708
(301) 982-0094

Cherry Hill Facility. Located on 37 acres in Montgomery County, specializes in management of turfgrass, one of Maryland's most flourishing industries.
Mr. Anthony S. Nash, Farm Manager
Cherry Hill Facility
3120 Gracefield Road
Silver Spring, MD 20904
(301) 572-7247

Beltsville Facility. On the grounds of the U.S. Department of Agriculture's renowned Beltsville Agricultural Research Center. Through a cooperative agreement with USDA, 200 acres are used for agronomic and entomological research. AES dedicated facilities at this site in Spring, 1988.
Mr. Henry T. Badger, Farm Manager
Beltsville Facility
Route 2, Box 274
Laurel, MD 20708
(301) 345-1225

Upper Marlboro Facility. AES has conducted research on agricultural interests of Southern Maryland on this 206 acre Prince George's County site since 1948. Besides the historically popular tobacco crop, research and extension activities promote agricultural diversification.
Dr. Claude McKee
Upper Marlboro Facility
2005 Largo Road
Upper Marlboro, MD 20772
(301) 627-3273

Clarksville Facility. Researchers on this 922-acre farm near Columbia in Howard County study dairy cattle and swine, as well as agronomic studies on Maryland's major grain crops and environmental research on the effects of agricultural practices on water quality.
Mr. Frank Walbert
Clarksville Facility
4240 Folly Quarter Road
Ellicott City, MD 21043
(301) 531-3211

Ellicott City Facility. This 152-acre farm near Columbia is part of AES's on-campus and off-campus efforts to conduct equine research to maintain and boost the productivity of one of Maryland's largest industries.
Mr. Norman Luba
Ellicott City Facility
5885 Waterloo Road
Ellicott City, MD 21043
(301) 465-3760

(AES) Lower Eastern Shore Research and Education Center. Composed of three facilities that find and share information about agricultural issues important to the lower Eastern Shore. Information about research results is available to farmers and agencies by request; an agriculture education program of tours and lectures is offered to Maryland school children; and tours of the farm may be arranged.

Available to: Anyone

Fees: FREE

Hours: Tours M-F, 8am to 5pm and weekends or holidays by appointment.

Information:
Dr. Henry M. Brooks, Center Head
Lower Eastern Shore Research and Education Center
Route 5, Box 246, Quantico Road
Salisbury, MD 21801
(301) 742-1178

Poplar Hill Facility. Agronomic and horticultural research is conducted on this 98-acre Wicomico County facility near Salisbury, including examination of new disease control techniques and improvement of agricultural drainage systems.

Mr. Furman R. Mulford
Poplar Hill Facility
Route 1, Box 69A
Quantico, MD 21856
(301) 742-9694

Princess Anne Facility. Right next door to UMES campus in the heart of Maryland's poultry industry, this AES facilities focuses on improving various aspects of poultry production and management.

Dr. Dennis W. Murphy
Princess Anne Facility
Route 2, Box 229A
Backbone Road
Princess Anne, MD 21853
(301) 651-9111

Salisbury Facility. A 125-acre facility that is the home of production research on a variety of vegetable crops, including a smorgasbord of Maryland favorites-tomato, cucumber, muskmelon, sweet corn, green peas, limas, watermelon and sweet potato. Faculty expertise here includes vegetable production, weeds, plant disease, and insects. A field day is held each July.

(AES) Western Maryland Research and Education Center. Located just south of Hagerstown and north of the Antietam National Battlefield, this 546-acre facility conducts agricultural research in areas of special interest to western Maryland: fruits, forestry, corn and small grains, covering the disciplines of horticulture, agronomy, entomology, plant pathology, and agricultural engineering. The Center has a number of regional extension specialists who can advise and help in the areas of farm financial management, fruit production, community resource development, and natural resources and wildlife. 1988's public tour highlights were the Summer Fruit Open House in late June and the Western Maryland Ag Field Day in early September featuring field tours, equipment demonstrations, displays and a hog roast. Visitors are always welcome at these annual events.

Available to: Anyone

Fees: FREE

Information:
Dr. Gerald L. Jubb, Jr.
Center Head
Western Maryland Research and Education Center
18330 Keedysville Road
Keedysville, MD 21756
(301) 791-2298

(AES) Wye Research and Education Center. Sharing the beautiful site of the former Wye Plantation on the river of the same name in southern Queen Anne's County, the University's 204-acre Wye Research and Education Center is devoted to agronomic and horticultural crops, beef cattle and environmental quality. Here the University of Maryland Foundation's renowned Wye Angus Herd grazes and is subject of breeding and management research. Water quality research centers on quantifying the amounts of chemical runoff from agricultural land and developing appropriate control systems. A research field day is held annually in late August. Cooperative educational programs are developed with the Cooperative Extension Service and the neighboring Aspen and Wye Institutes. At the Center are regional experts in water quality, irrigation, and farm financial management. The state of Maryland is the leading producer east of the Mississippi of strawberry plants and lawn sod, and much of the research that keeps it so is done here at the Wye Research and Education Center. Herbicide field days, pruning demonstrations and other events are offered frequently by this Center of the Agricultural Experiment Station. Sample summer 1988 Wye Field Day: field tours, displays, seminars, buffet lunch, and crab feast.Anyone is welcome to visit the Wye Research and Education Center by advance arrangement.

Available to: Anyone

Fees: FREE

Information:
Dr. Russell Brinsfield
Center Head
Wye Research and Education Center
P.O. Box 169
Queenstown, MD 21658
(301) 827-6202

Agricultural Engineering, Department of. Many of the faculty in this UMCP academic unit teach and also devote a given percentage of their time either to the Cooperative Extension Service, the Agricultural Experiment Station, or to the Center for Environmental and Estuarine Studies. For complete information about their services, send for the large booklet they've published entitled *Program Ideas and Resources*. It lists areas of expertise, talk presentations, slide shows, films, demonstrations, exhibits, publications and an assortment of FREE building plans.

Available to: Anyone

Fees: Usually FREE

Publications: *Program Ideas and Resources*, FREE.

Information:
Dr. Larry E. Stewart, Chair
Department of Agricultural Engineering
1130 Shriver Lab
UMCP
College Park, MD 20742
(301) 454-2223

Agricultural Engineering Mechanization. Ambassadors of good will to agricultural producers of the surrounding area are the UMES Agricultural Engineering Mechanization students who perform basic adjustment, maintenance, service and repairs on agricultural equipment and facilities as part of their laboratory experience. Skills and competencies are available in engine repair, arc and oxywelding, carpentry, construction and concrete, machinery adjustment and repair, electricity, and plumbing. Agri. Engr. Mech. is offered to high school students, junior college students and other persons who wish to improve their skills in the above mentioned areas. Five mornings a week instruction and practical experience are combined in a six-week program. Standard University tuition is charged.

Available to: See above

Fees: Repairs: charge for parts; labor FREE.

Information:
Dr. George S. Shorter
Agri. Engr. Mech.
UMES
Princess Anne, MD 21853
(301) 651-2771

Agricultural Engineering Information and Publications. UM Cooperative Extension Service offers a number of publications ranging in price from free to $5. Topics include tools needed in the home, planning farm shops, and small farm buildings and equipment. See CES listing in index.

Agricultural and Extension Education, Department of. UMCP academic unit provides technical/assistance in developing and evaluating education programs in agriculture, conservation, and adult and continuing education. Department experts can instruct community leaders in organization development and service delivery. Special six (6) credit summer course for teachers offered: AEED 487-497, "Conservation of Natural Resources".

Available to: Vo-ag teachers, extension agents, interested agencies and organizations.

Fees: Depend on service.

Publications: *Vo-Ag News*, quarterly newsletter.

Information:
Merl E. Miller, Acting Chair
Department of Agricultural and Extension Education
0220 Symons Hall
UMCP
College Park, MD 20742
(301) 454-3738

Agricultural Statistics Service. Exact agricultural information telling how much, what kind and where, is available in the form of published statistics from the Agricultural Statistics Service. Emphasis is on agricultural statistics for Maryland and Delaware, with some national data. In cooperation with the University's Agricultural Economics Department and the Cooperative Extension Service.

Available to: Anyone

Fees: Annual Agricultural Statistics FREE; others, paid subscription.

Publication: *Preparing Crop and Livestock Estimates*, mailed upon request.

Information:
M. Bruce West, Director
State Agricultural Statistician
50 Harry S. Truman Parkway
Annapolis, MD 21401
(301) 841-5740

Apiculture Program. See how busy a beehive really is...when you arrange a tour of UMCP's apiary. Over one million bees are housed in functioning outdoor hives and two glass observation hives inside the Apiculture Building, just a short walk from Byrd Stadium. Most commonly asked question: "Which one's the queen?" You'll know her by her size and the fact that she's marked; and you'll learn more about the industry and government of bee colonies as well as how to set up and care for your own hives. Consulting on stinging insects by arrangement. Faculty has done work in Central America on the Africanized honey bee. Lectures and colloquium open to the public. Dr. Allen Steinhauer, Chair.

Available to: Schools, clubs and other organizations by appointment only.

Fees: FREE

Publications: Newsletter *The Pollen Basket*, 3/yr.; free entomology leaflet on beekeeping.

Information:
Melanie Odlum
Apiculture Program
Department of Entomology
1300D Symons Hall
UMCP
College Park, MD 20742
(301) 454-3848

Crops Information. UM Cooperative Extension Service offers information and twenty publications (mostly free) on agricultural crops. Subjects range from commercial fruit production to field crop variety recommendations. See CES listing in index.

College Farm. Complementing UMES's School of Agricultural Sciences' teaching programs are approximately 221 acres of crop land and 100 acres of forest, used primarily for laboratory, research and demonstration purposes. The College Farm includes a dairy barn, milk parlor, poultry units, swine unit, green houses, and Ag Mechanization farm shop. Every year in the Spring, Future Farmers of America Day is held at the farm, with high school students from Maryland participating. Tours are available to the public by arrangement.

Available to: Anyone

Fees: FREE

Information:
Dr. Mortimer H. Neufville, Dean
School of Agricultural Sciences
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 632

Consortium for International Crop Protection. Claims as members 13 U.S. universities and the U.S. Department of Agriculture, and in Fall 1985 moved its headquarters to UMCP. CICP provides research and training to help the world become less dependent on chemical insecticides, and will provide specialists for field work in all sorts of plant protection problems.

Available to: As above

Fees: N/A

Information:
Dr. Allen Steinhauer, Executive Director
CICP
Colleges of Agriculture and Life Sciences
UMCP
College Park, MD 20742
(301) 454-5147

Cooperative Extension Service (CES). CES has been an "off-campus, out-of-classroom" arm of the University of Maryland for over 60 years. In each of the counties, in Baltimore, and on the College Park and Eastern Shore campuses, CES maintains offices, working with all age groups in the state on a wide range of subjects. Its five major divisions are Agriculture, Community and Resource Development, Home Economics, 4-H youth programs and the Sea Grant Extension Program and Natural Resources. (See index.) In this way new ideas in research and study are brought in practical ways to farms and communities-through personal visits, workshops, field days, and even demonstrations in shopping malls. Among the programs offered to Maryland citizens are soil testing, plant and insect identification, camping programs for youth, parenting workshops, food preservation and clothing workshops, workshops for the handicapped, and information on the latest research findings in agriculture. County agent specialists can usually tell you where your nearest Christmas tree or pick-your-own strawberry farm is, when to fertilize your lawn, how to strip off old wallpaper, and ways to save energy in your home. Chances are good that CES has a presentation or published material on the very subject you've been pondering-from how to install a wood stove to estate planning to actual plans for a greenhouse. And usually it's FREE. Any child, age 9 to 19 years, may join 4-H by calling his or her nearest County Extension Office, and enjoy programs in agriculture, cultural arts, mechanics and leadership-to name a few. Thoughtfully designed programs for disabled children are offered. Call your county agent, listed below by county of residence. Dr. Craig S. Oliver, Director.

Available to: Anyone

See a Sample: For a sample listing of county programs, see the *County CES Office Program Sample* from Frederick County listed below.

Fees: Usually FREE

Information:
Colleen Kelly Clark, Head
Office of Information and Publications
Symons Hall
UMCP
College Park, MD 20742
(301) 454-3621

or

County Agents:

Allegany County 724-3320
11 Prospect Square
Cumberland, MD 21502

Anne Arundel County 787-6757
101 Crain Highway N.W.
Glen Burnie, MD 21061

Baltimore City 396-1753
17 S. Gay Street
Baltimore, MD 21202

Baltimore County 666-1022
9811 Van Buren Lane
Cockeysville, MD 21030

Calvert County 535-3662
Extension Service Building
Prince Frederick, MD 20678

Caroline County 479-4619
P.O. Box 310
Denton, MD 21629

Carroll County 848-4611
700 Agriculture Center
Westminster, MD 21157

Cecil County 398-0200
P.O. Box 326 Ext. 181
Elkton, MD 21921

Charles County 645-3903
Box 218
White Plains, MD 20695

Dorchester County 228-8800
P.O. Box 299
(County Office Building)
Cambridge, MD 21613

Frederick County 694-1599
520 N. Market Street
Frederick, MD 21701
(See program sample, next listing)

Garrett County 334-1990
P.O. Box 445
(Courthouse Annex)
Oakland, MD 21550

Harford County 838-6000
220 S. Main Street Ext. 255
Bel Air, MD 21014

Howard County 992-2030
Suite L-3525
Ellicott Mill Drive
Ellicott City, MD 21043

Kent County 778-1661
203 Calvert Street
Chestertown, MD 21620

Montgomery County 590-9638
18410 Muncaster Road
Derwood, MD 20855

Prince George's County 868-9366
6707 Groveton Drive
Clinton, MD 20735

Queen Anne's County 758-0166
P.O. Box 188
Centreville, MD 21617

St. Mary's County 475-4476
P.O. Box 663 Ext. 476
Leonardtown, MD 20650

Somerset County 651-1352
424 N. Somerset Avenue
Princess Anne, MD 21853

Talbot County 822-1244
P.O. Box 519
Easton, MD 21601

Washington County 791-1404
101 W. Antietam Street
Hagerstown, MD 21740

Wicomico County 749-6141
P.O. Box 1836
Salisbury, MD 21801

Worcester County 632-1972
P.O. Box 219
Snow Hill, MD 21863

County CES Office Program Sample. Since every Maryland county and the City of Baltimore has a UM Cooperative Extension Office within its borders, we thought you'd like to see a sampling of programs available. The following is a list from Frederick County (phone number and address above), representing the variety of programs available from our 24 offices in addition to traditional consulting expertise:

"Apple Fling". A nutrition education program focused on apples and conducted through middle and high school home economics classes. Spiced by certificates, cooking contest, and free apples provided by local orchards.

"Food 'n' Friend". Treats senior citizens to lunch and a brief food and nutrition lesson. Offered at several county sites quarterly. Volunteers encouraged and trained.

Financial Counseling. Help for families in financial trouble. Volunteer counselors are encouraged; valuable 18-20 hour training and yearly updates are free.

FINPAK. A computerized farm financial program for budgeting, planing and enterprise feasibility. Easy and free from CES.

Local Government Exchange. An opportunity for local officials and community leaders to exchange ideas, problems and solutions. Seminar usually held the first week in May. Registration fee: approx. $15.

Mini-College. A choice of over 100 classes for young people age 8 to adult, project and leadership development oriented. Takes place twice a year, sponsored by 4-H. Registration fee: $1. Workshop materials fees range from Free to $8.

Public Hay Auction Market. Created by the Cooperative Extension Service and the Frederick County Farm Bureau and operated by the Willowdale Auction Company of Jefferson, the market offers straw, ear corn, and firewood as well as hay, all by the truckload lot.

Summer Camp. Week-long overnight camp for children age 8 to 14 held annually during July at the Frederick County Camp and Activities Center near Jefferson, MD. Structured Indian-style with tribes, the 4-H sponsored camp offers classes in arts and crafts, archery, horseback riding, swimming, drama, overnight survival camping, outdoor cooking and much more. Registration fee: $60, includes meals, lodging, class expenses, group picture and tee shirt. Financial assistance available.

Teen Conference. Four day annual 4-H event planned by teens for teens offers seminars and discussion groups for older youth from Frederick and other counties.

UMDAIR. Computerized feed ration program calculates "least cost" diet and helps control dairy farmer feed costs—a free CES service.

Every Cooperative Extension Service office has similar programs to this Frederick County sampling—and many more—addressing the needs of citizens in the county being served.

Economic Research, Agricultural. Up-to-date findings on economic issues in agriculture, business and environment from local to international level. Contact the University of Maryland Agricultural Experiment Station, 454-3707.

Energy Research, Agricultural. Scientists from four major disciplines are looking for ways to convert vegetable oils from seed crops into diesel fuel extenders. Wanted: cost-efficiency and a feed by-product for farm animals. For update, call the University of Maryland Agricultural Experiment Station, 454-3707.

Farm Tours. Available at all research farms of the University. Call the Agricultural Experiment Station on the College Park campus for information, 454-3622.

Horticulture, Department of. Call your local Cooperative Extension Service office, see index, for available public services.

Insect Information. And a number of free publications from UM Cooperative Extension Service, see index.

Institute of Applied Agriculture. Lawn care. Golf course management. Training for specialized careers in agriculture is available here. The two year UMCP program also offers certificates in farm production, agricultural business management, turfgrass management, and ornamental horticulture (including nursery management, garden center management, greenhouse management, florist shop management, landscape management, and interior plantscaping). Ask about the eight-week segment option. Faculty members will serve as speakers to related businesses and industries, high schools, and civic groups. Slide-tape presentation available.

Available to: Anyone

Fees: Tuition for students.

Publications: Brochure about program on request.

Information:
Dr. Ronald J. Seibel, Director
Institute of Applied Agriculture
UMCP
College Park, MD 20742
(301) 454-3938

International Development Management Center. Provides assistance to developing countries by first-hand sharing of technology and techniques. See index.

International Programs, Office of. The place to discover what UMCP is doing agriculturally to help developing nations. See index.

National Extension Program for International Trade in Agriculture. Information access point for economic policies and world agricultural trade. See index.

Plant Diagnostic Clinic. A boon to commercial agriculture, nurseries and greenhouses, UMCP's Plant Diagnostic Clinic furnishes rapid laboratory diagnosis of plant disease and suggests methods for control. Help in identifying weeds, wild flowers and poisonous plants, as well as trees and shrubs native to or growing wild in Maryland, is also available from these University botanists. All plant samples should be submitted via Maryland Extension Service agents. (See index for Cooperative Extension Service.) Other Clinic services include training students, supporting statewide Integrated Pest Management Programs and presenting workshops and lectures on plant diseases.

Available to: Anyone via Extension Agent.

Fees: FREE

Publications: *Plant Clinic Notes*, bi-weekly newsletter, subscription rate $12 per year.

Hours: M-F, 8:30am to 4:30pm all year.

Information:
Ethel M. Dutky, Director
Plant Diagnostic Clinic
Department of Botany
UMCP
College Park, MD 20742
(301) 454-3816

Soil Testing. Homeowners, does your lawn or vegetable garden seem undernourished? If there's something lacking in your soil's chemical makeup, you can find out what and how much to add through the University of Maryland Soil Testing Laboratory located at UMCP. Obtain a soil sample bag and information sheet from your county agent (see Cooperative Extension Service, index). Allow 10 days to two weeks for results. It may take longer if soil arrives wet.

Available to: Anyone

Fees: $4.00

Information:
Soil Testing Lab
Department of Agronomy
H. J. Patterson Hall
UMCP
College Park, MD 20742
(301) 454-3722

Soils Information. UM Cooperative Extension Service offers information and publications (mostly free) on soils—from fundamental facts to land judging and selecting soils for building sites. See index.

Soybean Research Institute. In its broadest sense the Institute at UMES serves as a clearinghouse for research information worldwide on the soybean and on the newest prospect for high nutrition and low waste, the winged bean. The Institute has tested more than 3,000 varieties of soybean for efficiency and for disease and pest resistance, is now testing the winged bean as a new world food source, and is experimenting with the latex-producing gopher plant as a potential producer of fuel oil. As a member of the Middle Atlantic Consortium for Energy Research, the Institute is surveying northeastern U.S. flora for hydrocarbon yields as a renewable source of energy.

Available to: Interested parties

Fees: Depend on service.

information:
Dr. Robert B. Dadson, Acting Director
Soybean Research Institute
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 676

ANIMAL SCIENCE

(AES) Agricultural Experiment Station. See AES listings in Agriculture section for University research developments in crops, beef, dairy cattle, swine and horses. See index.

Animal Sciences, Department of. Much of the expertise of this academic unit is made available to Maryland dairy, sheep, beef, horse and swine producers through the University's Cooperative Extension Service (see index), which offers continuing education programs in all phases of animal science production, processing, and distribution. Special knowledge is available for the asking. For example, important new ideas for increasing milk production and profits evolve continually from the Dairy Herd Improvement Program, a joint undertaking of UMCP's Department of Animal Science and the Maryland Dairy Herd Improvement Corp. Ice cream eaters can head for "The Dairy," the department's UMCP dairy salesroom (see index). The Dairy's all natural ice cream has been enjoyed by local savants over 50 years.

Available to: Anyone

Fees: Depend on service.

Publications: Numerous. Call 454-3932 for titles and mailing list requests.

Information:
Dr. D. C. Westhoff, Chair
Department of Animal Sciences
UMCP
College Park, MD 20742
(301) 454-3926

Animal Science Information. UM Cooperative Extension Service offers information and twenty publications (mostly free) on animal and poultry science. Subjects range from computerized concentrate feeders to canine heartworm disease. See CES listing in index.

Central Animal Resource Facility. The UMCP Central Animal Resource Facility on Farm Drive coordinates campus laboratory animal care programs and is a vital support facility for research and teaching. The sparkling modern facility has sophisticated humidity and temperature controls to meet the requirements of different species which are received, examined, quarantined, monitored, tested or in some cases maintained for special projects at the facility. Educational tours by arrangement.

Available to: As above

Fees: N/A

Information:
Dr. Kathryn H. Nepote, Director
Central Animal Resource Facility
UMCP
College Park, MD 20742
(301) 454-4668

Horse Program. Primarily a teaching and research program in horse management, breeding and growth physiology, this academic unit offers the public the benefit of its expertise in all matters relating to horses. Thoroughbred and Quarterhorse stud service is available. Through the student-operated Equestrian Club, University faculty, staff, students and alumni can enjoy horseback riding and horseback riding lessons. the University of Maryland Intercollegiate Equestrian Team is open to the community and competes with other East Coast teams. Lesson fees and times by arrangement.

Available to: See above

Fees: Depend on service.

Information:
Dr. Edwin E. Goodwin
Horse Program
Department of Animal Science
UMCP
College Park, MD 20742
(301) 454-7826

Maryland Equine Research Council. In a new partnership between the University and Maryland's horse industry, the Maryland Equine Research Council (MERC) coordinates joint planning for research, teaching, and extension programs. Key interest areas are economic, agricultural, sports, and tourism. The Council has 15 members, eight from the University's faculty and seven from the Maryland horse industry. The Council meets two to four times per year.

Available to: Concerned parties

Fees: N/A

Information:
Dr. Raymond J. Miller
Office of the Vice President/Dean
1114, Symons Hall
UMCP
College Park, MD 20742
(301) 454-6332
or
Mr. Richard W. Milcke
Executive Vice President
Maryland Horse Breeders Association
P.O. Box 427
Timonium, MD 21093
(301) 252-2100

Poultry and Avian Disease Research and Extension. Staying in tune with the state's poultry industry problems, the Poultry and Avian Disease Research Program offers expertise in avian health and diseases of poultry. Through new biotechnology, researchers are enhancing rapid diagnostics and developing powerful vaccines for control of avian diseases. Veterinarians, farmers, and poultry companies in the state of Maryland are provided with the results of all significant research.

Available to: Concerned parties

Fees: Usually FREE

Information:
Avian Disease Research:
Dr. Warren W. Marquardt
Dr. David B. Snyder
Poultry Health Extension:
Dr. Edward T. Mallinson

VA-MD Regional College of
Veterinary Medicine
Grayson Laboratory
Calvert Road
UMCP
College Park, MD 20742
(301) 454-3635 or 3636

Poultry Research and Education Facility, AES. Laboratories, offices and two modern applied poultry research houses (capacity 13,900), adjacent to the UMES campus. Staff outreach expertise in broiler management, processing and product development, and environmental engineering. Conference and teaching facilities available to the involved public. Ask about broiler production, processing, housing. Consultation and publications available.

Available to: Anyone

Fees: FREE

Information:
Dr. Dennis W. Murphy, Director
Poultry Research and Education Facility
Rt. 2, Box 229-A
UMES
Princess Anne, MD 21853
(301) 651-9111 or 9112

Poultry Technology and Management Program. dy of modern broiler industry methods is yours through this UMES academic unit located in Delmarva, the area that leads the nation in poultry production. Facilities include a specialized library and a 10,000 bird poultry house. Ask about seminars and non-credit training. Poultry businesspeople, ask about our co-op student program.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Jeannine M. Harter-Dennis, Chair
Department of Poultry Technology and Management
UMES
Princess Anne, MD 21853-1299
(301) 651-2200, ext. 357 or 358

VA-MD Regional College of Veterinary Medicine. Maryland and Virginia cooperated to form a new regional college of veterinary medicine in early 1983. Now the research, extension, and continuing education services traditionally available through a state veterinary school are provided by having a campus located in Maryland at UMCP. The Virginia campus is at Blacksburg. Research findings on animal health problems are shared with all Maryland doctors of veterinary medicine.

Available to: Interested parties

Fees: Depend on service.

Publications: Monthly newsletter on request.

Information:
Dr. S. B. Mohanty, Assoc. Dean
VA-MD Regional College of Veterinary Medicine
UMCP
College Park, MD 20742
(301) 454-4631

ARCHAEOLOGY

Anthropology Department. From the human fossil record to contemporary human culture groups, fascinating information is available from this UMCP academic unit in the form of lectures or consulting services. In an ultra modern application, the department's archaeologists have worked with state agencies and private firms to predict the archaeological impacts of proposed development projects. Resident forensic physical anthropologists will consult with legal and investigative agencies for identification purposes. The department sponsors archaeology programs with the City of Baltimore and Historic Annapolis, Inc. in support of Maryland history. An anthropological film library is maintained, and an annual anthropology colloquium is open to the public.

Available to: Anyone

Fees: Depend on service.

Publications: Professional journal, *Practicing Anthropology*, annual subscription, $15.

Information:
Dr. Erve Chambers, Chair
Anthropology Department
1107 Woods Hall
UMCP
College Park, MD 20742
(301) 454-4154 or 55

Archaeoastronomy, Center for. Young interdiscipline studies in starlore and myth. The Center publishes the world's only journal of archaeoastronomy. See index.

Center for Mediterranean Archaeology. The Center, new in Spring 1983, coordinates the University's already rich offerings in archaeology with summer workshops, excavations and public seminars. A combination of experts from the UMCP and UMBC campuses, the Center's primary interest is Mediterranean archaeology, as well as the new discipline of archaeometry which integrates the humanistic and scientific analysis of archaeological remains and artifacts. Faculty have participated in important excavations: Caesarea Maritima, Israel; Humayma, Jordan; Corinth and Athens, Greece; Pompeii, Italy; Thuburbo Majus, Tunisia; Sardis, Turkey; and Mendes, Egypt. A traveling museum exhibition of material from Caesarea Maritima is planned. Technical assistance or non-credit training is available.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. William Hornyak, Director
Center for Mediterranean Archaeology
Physics Department
UMCP
College Park, MD 20742
(301) 454-5493

Field School in Urban Archaeology. Make your fantasies of participating in an archaeological dig come true. UMCP's Anthropology Department offers an intensive six-week summer program in cooperation with Historic Annapolis, Inc. that will place you—in your khaki shorts—at one of several historic urban eighteenth century sites in Annapolis. Skills acquired will be: excavation techniques, note-taking and ceramic identification. Weekly afternoon lectures on such topics as "Annapolis and Its 18th Century Economy." Enrollment is limited, and some volunteers are accepted. Physical ability to engage in field work is essential. Visitors are invited to the open sites to observe scientific ways of constructing the past.

Available: As above

Fees: Depend on status.

Publications: A wide range of reports, articles, and papers available through Historic Annapolis, Inc.

Information:
Prof. Mark P. Leone
Anthropology Department
UMCP
College Park, MD 20742
(301) 454-4154 or 55

ASTRONOMY

Astronomy Program. Oldest of the sciences, astronomy's frontiers are still endless, and public interest is greater than ever. This UMCP academic unit offers the popular introductory course ASTR 100 for non-scientists, and sponsors Observatory Open House at the College Park facility, held specifically for interested citizens, twice a month (see index). The program also operates an informal "answering service" for questions about space phenomena, and has a large collection of astronomical films and slides available by special arrangement. The Astronomy Program owned and operated the Clark Lake Radio Observatory in Southern California until Spring 1986, from which radio astronomers discovered information on the fundamental concepts of the evolution of both the universe and man.

Available to: Astronomers, researchers, interested persons.

Fees: Depend on service.

Information:
Dr. John Trasco
Assistant Director
Astronomy Program
UMCP
College Park, MD 20742
(301) 454-4021

Center for Archaeoastronomy. This fascinating center explores a topic as old as Stonehenge, as new as "Raiders of the Lost Ark." Archaeoastronomy is the study of starlore and myth—ancient astronomical practices which are expressed in the world's archaeological records and which may hold the key to early cosmology, religion, and migrations. Courses in this young inter-discipline (a blend of physical science and humanities) may be taken through the Smithsonian's Resident Associate Program as well as at UMCP. Sample titles: "Stonehenge and the Cosmos," "Golden Age of the Aztec." The world's one and only journal of archeaoastronomy is published by the UMCP Center.

Available to: Anyone

Fees: Depend on service.

Publications: *Archaeoastronomy*, quarterly international journal. Annual subscription: $16 for individuals, $24 for libraries and institutions.

Information:
Dr. John B. Carlson, Director
Center for Archaeoastronomy
Space Sciences Building
UMCP
College Park, MD 20742
(301) 454-4460

Laboratory for Millimeter Astronomy. Processes the great increase in radio observations made possible by the world's largest millimeter wave array of radio telescopes. The powerful new array to capture signals from the birth and death of stars is the result of a partnership between the Universities of Maryland, California, and Illinois. Astronomers at the three will share research time, and time will also be made available to outside scientists.

Available to: As above

Fees: Depends on service.

Information:
Dr. Roger Bell, Acting Director
Laboratory for Millimeter Astronomy
Astronomy Program
UMCP
College Park, MD 20742
(301) 454-3005

Observatory Open House. Twice a month in the evening you are invited to UMCP's observatory in College Park, off Metzerott Road across from the entrance to System Administration. You will hear a popular lecture on astronomy and look through the telescopes—the largest of which is 20 inches in diameter—if the sky is clear. Times vary with the season; call for information, 454-3001. Reservations not required except for groups of 10 or more.

Available to: Anyone

Fees: FREE

Information:
Dr. John Trasco
Assistant Director
Astronomy Program
UMCP
College Park, MD 20742
(301) 454-3001

ENVIRONMENT

Applied Neuroscience Research Institute. Research relates environmental pollutants to intelligence and behavior. See index.

Bay and Water Resources Information. UM Cooperative Extension Service offers forty free publications on bay and water resources. Topics range from nutrient management to softening well water. See CES listing in index.

Cartographic Services Laboratory, UMCP. Will your proposed publication be lost without a map? Maps and other related graphics for publication are provided to authors, state agencies, or other clients by this fully-equipped UMCP cartographic production facility. The lab is supported by modern software and hardware in computer mapping, graphics, and spatial analysis. It can produce camera-ready artwork, positive prints, pre-screened composite negatives, color proofs, slides and transparencies. The Laboratory's past projects include redistricting maps for the Maryland Department of State Planning and a traveler's guide to connecting public transit services in Amtrak's NE Corridor.

Available to: Anyone, on an availability basis.

Fees: Time and materials.

Information:
Vivre Koomanoff, Director
Cartographic Services Laboratory
Department of Geography
1158 LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-6659

Cartographic Services Laboratory, UMBC. Able to construct first-line, publishable quality maps and graphs, this service can also typeset text in any quantities. Limited ability to produce maps by computer. Ask us.

Available to: Anyone

Fees: Depend on service.

Information:
Scott Edmonds
Coordinator of Cartographic Services
UMBC
Baltimore, MD 21228
(301) 455-2900

Center for Environmental and Estuarine Studies (CEES). The Center for Environmental and Estuarine Studies (CEES) was created as a branch of the University of Maryland in 1973 by uniting the eleven-year old Natural Resources Institute with a new site at Horn Point, originally the estate of Francis V. duPont on the Choptank River near Cambridge. Administrative offices of CEES are located in the former duPont estate house at Horn Point. These offices represent headquarters for all branches of CEES: the Horn Point Environmental Lab; the Appalachian Environmental Laboratory at Frostburg; and the Chesapeake Biological Laboratory at Solomons Island. (See individual listings below.) CEES projects deal with the living natural resources of the Atlantic coastal plain, the Chesapeake Bay, and the Appalachian Mountains, and all results are used to benefit the state of Maryland.

Available to: Concerned parties

Fees: FREE information

Publications: Call for list of current publications.

Information:
Dr. Thomas C. Malone, Acting Director
Center for Environmental and Estuarine Studies
Horn Point
P. O. Box 775
Cambridge, MD 21613
(301) 228-9250

(CEES) Appalachian Environmental Laboratory. Surrounded by mountains rising as high as 3,000 feet, the Appalachian Environmental Laboratory, located on the campus of Frostburg State University, is one of three arms of the University's Center of Environmental and Estuarine Studies. The mission of this CEES lab is to discover and disseminate knowledge related to the natural resources of the Appalachian environment. Research topics cover everything from endangered species to stressed ecosystems. AEL performs wildlife survey analyses and conducts hunter surveys for the state Department of Natural Resources, and offers wildlife presentations and environmental advice to the communities of Western Maryland. Housed at the Laboratory are museum collections of birds, mammals, fish, reptiles, insects and plants which are available to students and researchers. A Gifted and Talented High School Student Summer Education Program in wildlife biology and management is offered in cooperation with Frostburg State University. AEL gives tours of its facilities approximately twice a month to school and civic groups by advance arrangement.

Available to: Anyone

Fees: Usually FREE

Publications: Reprints of published research articles available by request.

Information:
Prof. Kent B. Fuller, Head
Appalachian Environmental Laboratory
CEES, the University of Maryland
Gunter Hall
Frostburg State University Campus
Frostburg, MD 21532
(301) 689-3115

(CEES) Chesapeake Biological Laboratory. The oldest of the Center for Environmental and Estuarine Studies laboratories is located on Solomon's Island, a small fishing village near the mouth of the Patuxent—about 60 miles southeast of the College Park campus. An aerial photograph shows Chesapeake Biological Lab's five brick buildings on land completely surrounded by water, its local habitats including marshes, inter-tidal areas, oyster shoals, tidal creeks, rivers and the Bay proper. Studies conducted there—with the help of the Center's research fleet—are directed toward understanding estuarine-coastal systems, especially that of the Chesapeake. There are three major emphases: 1) ecosystem behavior; 2) fisheries science and biology; and 3) environmental chemistry, biochemistry and toxicology. The findings of CBL research have been of continuous benefit to Maryland government and industry, and, as a worldwide resource on coastal seas CBL research has international impact as well—CBL is studying the death of seagrass in the Guld of Mexico for Mexico, and ways to regulate fish populations off their coasts for Costa Rica and France. The 3,000 volume CBL library is open to students and investigators at all times. CBL holds Open House occasionally and its faculty present an average of 100 public lectures and community presentations a year. In Spring 1988 ground was broken for a 28,900 square foot marine sciences building addition to the Lab.

Available to: Anyone

Fees: Fee schedule available, depending on service.

Information:
Dr. Kenneth R. Tenore, Head
Chesapeake Biological Laboratory
CEES
P.O. Box 38
Solomons, MD 20688
(301) 326-4281

(CEES) Horn Point Environmental Laboratories. Recognized by three states as the focal point for seafood studies, the Horn Point Environmental Laboratories are located on the Cambridge, Maryland grounds of the former Francis V. duPont estate as a significant part of the University's Center for Environmental and Estuarine Studies (see index) which has its headquarters there. Horn Point has a half mile of shoreline, a tidal marsh, 400 acres of forest, about 300 acres under cultivation and ample space for large scale environmental work. Horn Point is known for its continuing efforts on behalf of the blue crab, one of Maryland's major commercial resources with a dockside harvest value of over $7 million, and of the Maryland oyster which once accounted for one third of the nation's oysters but which have recently diminished in abundance. Horn Point Environmental Laboratories have incorporated CEES' Marine Products Laboratory, formerly at Crisfield, MD. Now called the Seafood Science and Technology Division, it is best known for developing new seafood product forms, new processing methods, and quality control. Dr. Tuu-Jyi Chai (301) 228-8200.

Available to: Research information to anyone; informal self-tours at any time; school or group tours by appointment (call Cathy Baptist at 228-8200).

Fees: FREE

Publications: FREE illustrated brochure describing research, services and accomplishments.

Information:
Dr. Dennis L. Taylor, Head
Horn Point Environmental Laboratories
CEES
P. O. Box 775
Cambridge, MD 21613
(301)228-8200

Center for Ocean-Land-Atmosphere Interaction. Big news in long range weather forecasting: recent theoretical advances in understanding weather and climate changes as due to the continuous interplay between water, land and air, plus high speed supercomputers for monitoring and forecasting. It all comes together in this UMCP center, which plans to produce a new generation of young scientists with interdisciplinary training. Example: the dynamics of monsoons and droughts. Global data sets include sea surface temperatures, soil moisture, snow, sea ice, circulation and rainfall.

Available to: Concerned parties

Fees: Information, FREE; fee for technical assistance or consulting.

Information:
Dr. J. Shukla, Director
Center for Ocean-Land-Atmosphere Interaction
Department of Meteorology
UMCP
College Park, MD 20742
(301) 454-7372

Chancellor's Marine Affairs Coordinating Council (CMACC). Established in 1986 at the request of UM Chancellor John S. Toll to better coordinate the University's diverse activities as one of the nation's leading institutions in this important area. Members represent UM's principal multi-campus programs in marine-oriented research, education, and service:

Agricultural Experiment Station
Center for Environmental and Estuarine Studies
Center of Marine Biotechnology

Coastal and Estuarine Policy Program
Cooperative Extension Service
Graduate Program in Marine-Estuarine Environmental Sciences
Maryland Sea Grant College

The Council's first project is a *Directory of Marine Studies, 1987-88*, with entries for 195 researchers. The directory was transferred in 1988 as a read-only file to computer mainframe. Access to the published directory or data base available by request. Dr. Thomas C. Malone, Acting Chair.

Available to: Concerned parties
Fees: Depend on service
Publications: As above
Information:
Dr. Wayne H. Bell
Assistant to the Director, and Editor
CEES
Box 775
Cambridge, Maryland 21613

Coastal and Estuarine Policy Program. A cooperative activity of UMAB's School of Law, see index.

Computer Mapping and Spatial Analysis Laboratory. UMCP's resource for comprehensive mapping and graphic services. See index.

Cooperative Institute for Climate Studies. One of nine such centers established by the National Oceanic and Atmospheric Administration (NOAA) on college campuses, the Institute at UMCP will encourage collaborative research on satellite climatology, climate diagnostics, modeling and prediction. One recent research study: determining the causes of observed lack of rain and drought in Southern Africa.

Available to: Concerned parties
Fees: Depend on service.
Publications: Annual scientific report.
Information:
Dr. Ferdinand Baer
Meteorology Department
Computing and Space Sciences Building
UMCP
College Park, MD 20742
(301) 454-2708

Environmental Education Program. A delightful opportunity "to get back to nature" for children and their teachers or leaders, grades K-12. Set up a visit to our Horn Point site (CEES) on the Choptank River with its inviting 400 acres of woodlands, half mile of shoreline, and two marshes. Groups may go primitive camping to develop outdoor survival skills, or come just for a day of hiking trails, learning about water life, or visiting the Horn Point Museum and lab animal exhibits. Canoeing, bird banding, and other special hands-on programs are available and may be arranged pre-visit. Special teacher or volunteer leader workshops are offered for adults.

Available to: Any organized group and its leaders: schools, scouts, YMCA, day camps, 4-H, etc.
Fees: FREE
Publications: FREE brochure, on request.
Information:
Cathy Baptist
Assistant Agent for Environmental Education
Horn Point Environmental Laboratory
Box 775
Cambridge, MD 21613
(301) 228-8200, ext. 483

Geography Department. Exciting projects of this UMCP academic unit: Maps for the blind, geographic information systems, coastal erosion and marsh/wetland research. Historical geographical research of Maryland and the Chesapeake Bay region is a continuing interest. Facilities include the Cartographic Services Laboratory (see index), a computer mapping and spatial analysis laboratory (see index), and a laboratory for coastal research (see index). Funded public service projects are accepted, and estimates are provided FREE to state users for making maps and developing computer graphics and for metropolitan planning. The department will also refer both graduate or undergraduate interns to relevant local agencies; one-semester lead time is required.

Available to: Anyone
Fees: Depend on service.
Publications: *Geographical Perspectives on Maryland's Past*, $6.50 per copy; monthly newsletter, FREE.
Information:
Dr. Kenneth E. Corey, Chair
Geography Department
1113 LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-2241

Geology, Department of. Samples of rocks and fossils will be identified FREE by this UMCP academic unit. Materials characterization including chemical analysis of rocks, minerals and ores is run at cost. Questions involving resource evaluation and utilization, facility sitings, sedimentation, geologic engineering, and hazardous waste sitings will be considered. As a service to the state, the Geology Department conducts earth science workshops for Maryland school teachers. Plan to visit the impressive gem collection in the new geology building. If you're a serious geologist, the summer Geology Field Camps based at Frostburg State University, Frostburg, Maryland, offer six weeks of field training in sampling, measuring, mapping and reporting of geologic data, as well as numerous field trips over a variety of fascinating terrains. Consent of the instructor is required, and fees include special living and service expenses in addition to tuition.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Luke L. Y. Chang, Chair
Department of Geology
Geology Building
UMCP
College Park, MD 20742
(301) 454-3548

Laboratory for Coastal Research. Responsive to concerns about Maryland's endangered coastline, this new UMCP laboratory produces and shares knowledge about coastal environments of the world in general and Maryland's in particular. Cooperative efforts among UM System researchers are coordinated. The lab also pursues practical problems raised by state and federal agencies, from planning for coastal development to beach erosion and fluid-structure interaction. Recent studies: coastal geomorphic and engineering analysis of beach and nearshore areas off South Shore of Long Island, New York, and a similar shoreline study of Ocean City, Maryland, using computer mapping. Ask about the annual Coastal Studies Seminar Series.

Available to: Concerned parties

Fees: Depend on service.

Publications: Coastal publication series, individual prices; FREE brochure.

Information:
Dr. Stephen P. Leatherman
Laboratory for Coastal Research
1113 LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-5167

Marine-Estuarine and Environmental Sciences (MEES) Program. This highly interdisciplinary graduate program studies interactions in the marine, estuarine and terrestrial environments between biological and physiochemical systems. Collaborative research can be arranged with federal or state agencies, as well as speakers on fascinating environmental topics for schools or community groups. Individual faculty will consult in their specialties upon request. MEES has laboratories in aquaculture, water pollution, air pollution, neuroscience and others.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Gian Gupta, Chair
MEES
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 317
or
Dr. Robert E. Menzer, Chair
MEES
0313 Symons Hall
UMCP
College Park, MD 20742
(301) 454-3714

Maryland Sea Grant College. Undertakes projects to improve Maryland's and the nation's marine resources. Getting special attention: commercial fisheries—primarily oysters, crabs and striped bass—and seafood technology. Sea Grant is working hard to develop the detailed knowledge needed to better manage the Chesapeake Bay environment. Watermen, marina operators and seafood processors, help and information come to you via The Sea Grant Extension Program coordinated with the Cooperative Extension Service (see index). Sea Grant produces fine films and publications, available upon request. Ask for a showing of the award-winning environmental film, "The Twilight Estuary," about the Chesapeake Bay. Ask, too, for information on marine lectures, seminars and workshops.

Available to: Anyone

Fees: Depend on service.

Publications: FREE list of Sea Grant publications; FREE Sea Grant Magazine covering issues and activities affecting the Chesapeake Bay; newsletter *Marine Notes*, on request.

Information:
Dr. Jack Greer
Acting Director
Maryland Sea Grant College
H. J. Patterson Hall
UMCP
College Park, MD 20742
(301) 454-5690

or
The Sea Grant Extension Program
(301) 454-4848

Meteorology, Department of. Mysteries of the weather are explored by this UMCP academic unit, and the findings are shared daily in a display of weather maps on the second floor of Space Sciences Building and in campus print and broadcast media. Department facilities include an atmospheric chemistry laboratory, an observatory, and a synoptic laboratory. Technical advice on topics ranging from air pollution to weather modification is available. Books in the department's meteorology library may be used on the premises. Dr. George C. Goldenbaum, Acting Chair.

Available to: Concerned parties

Fees: Depend on service.

Forecasts: Call National Weather Service at 471-1741. Recorded forecast: 936-1212.

Information:
Richard DeRycke
Research Coordinator
Department of Meteorology
Space Sciences Building
UMCP
College Park, MD 20742
(301) 454-2708

"Partners With the Bay." A cooperative effort of the agricultural community and concerned citizens to control nonpoint source runoff and nutrients entering the Chesapeake Bay. "Partners" offers a wide variety of educational materials, from fact sheets, slide shows and video tapes, to exhibits, field demonstrations and speakers. The program is a joint effort between the University's Cooperative Extension Service and Agricultural Experiment Station and the Maryland State Soil Conservation Education Committee. Dr. Richard Weismiller, Chair.

Available to: Anyone

Fees: FREE publications; Bay fact sheets, news releases, upon request.

Information:
Sharon Hogan
Partners With the Bay
0119 Symons Hall
UMCP
College Park, MD 20742
(301) 454-3621

Remote Sensing Systems Lab. This UMCP lab can produce high resolution aerial views of earth taken from orbiting satellites. Using the information pictured by the lab's new high quality image processing facility, researchers can determine agricultural acreage, assess impact on wildlife of large scale jungle clearings, monitor Maryland's ecological environment, and perform ground water resource modeling. The lab is a key resource for researchers in earth sciences and hydrology, using ground, airborne and satellite acquired images of the earth for studies of physical and cultural phenomena occurring at or near the earth's surface. Faculty members from Agronomy, Civil Engineering, Geography and Meteorology are currently collaborating in RSSL activities. Research facilities include optical interpretation equipment and mainframe (UNIVAC), mini (Hewlett-Packard) and microcomputer (IBM) image analysis software and related image display hardware. Field measurement equipment includes spectrometers, camera systems and micrometeorological sensors. A range of image processing and analysis services are available in conjunction with expert consultation with faculty and research staff. Applications of this technology in natural resources management, environmental quality analysis and human impacts assessment are being pursued. Collaborative studies in which practical assessments of remote sensing technology for earth studies are of great interest to the RSSL staff.

Available to: UM staff and students, local, state and federal agencies.

Fees: Negotiated by activity and interaction.

Information:
Dr. Samuel N. Goward, Director
Remote Sensing Systems Lab
1113 LeFrak Hall
UMCP
College Park, MD 20742
(301)454-6578

Water. See additional entries under Water heading at the end of this chapter.

Weather Records Tapes. Pick a date any time in the last 100 years, and you can find out what the weather was like from Joe Moyer, the State Climatologist at the University of Maryland. Under his care: four edited weather tapes with daily temperatures, precipitation and other observations for the period 1948 to 1980, as well as standard records dating to late 1800's. Summaries in the form of heating and cooling degree-days, growing degree-days and other indices are there for the asking. The 60 member touch-tone weather network welcomes volunteer observers who can furnish own equipment.

Available to: Anyone for information; volunteers with equipment.

Fees: FREE

Information:
Dr. George Huffman
Acting State Climatologist
Jull Hall
UMCP
College Park, MD 20742
(301) 454-3110

SCIENCE

Committee on the History and Philosophy of Science. CHPS administers a graduate curriculum and research in the history, philosophy and foundations of science, technology and medicine. The public is invited to its comprehensive forum of lectures presented weekly at UMCP through the ongoing CHPS Colloquium Series-the main interdisciplinary science forum on campus. (CHPS also hosts Summer Seminars.)

Available to: General intellectual community.

Fees: FREE colloquia. Standard tuition (and prerequisites) for courses.

Publications: *CHPS News*, twice during academic year, includes announcement of all colloquia. Your name added to mailing list FREE upon request.

Information:
Dr. Jeffrey Bub, Chair
1131 Skinner Building
UMCP
College Park, MD 20742
(301) 454-2850 or 3978

Laboratory of Chemical Evolution. This UMCP laboratory conducts studies on the origin and evolution of life and the possibility of life beyond earth. To do so, it calls upon a variety of disciplines from Astronomy to Microbiology, and actively collaborates with many international laboratories. Lectures are available by request. Occasional open houses are held for the public. Dr. Cyril Ponnamperuma, Director.

Available to: As above

Fees: None

Publications: FREE brochure

Information:
Secretary
Laboratory of Chemical Evolution
31308 Chemistry Building
UMCP
College Park, MD 20742
(301) 454-4059

Natural Sciences, Department of. Educators and interested citizens are invited to participate in workshops and seminars on natural science topics given by this UMES academic unit. Waste water is analyzed and environmental impact studies performed upon request by governmental offices. Anyone concerned with the state's crabbing industry may request information from the department's Craboratory, a special research program. The department's facilities are available for meetings.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Thomas F. Hopkins, Chair
Department of Natural Sciences
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 314

Physics and Astronomy, Department of. Serving the state by conducting research for numerous agencies of the government, this UMCP academic unit also collaborates with area laboratories and holds many interesting and timely seminars and colloquia. High school teachers of science are periodically invited to courses geared to their teaching needs. Under the sponsorship of the department's Lecture Demonstration facility, free evening programs are available for elementary and high school students. The department also sponsors visits to local high schools to give science lectures to students and teachers. An annual Physics Olympics is held for high school physics classes, and a Super Physics Day and open house to acquaint the general public with major advances in science.

Available to: Anyone

Fees: FREE colloquia and seminars. Research and consultation fees negotiable.

Publications: Annual newsletter, weekly calendar of seminars and colloquia (available upon request).

Information:
Dr. Chuan S. Liu, Chair
Department of Physics and Astronomy
UMCP
College Park, MD 20742
(301) 454-3401

Physics Department. Elementary through high school students benefit from the lecture series on everything from fundamentals to recent developments in physics, made understandable and interesting for the young by this UMBC academic unit. Expertise in microprocessors, solid-state physics, relativity, etc., is available to state government, industry, and citizens of the state.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. Joseph F. Mulligan, Acting Chair
Physics Department
UMBC
Baltimore, MD 21228
(301) 455-2511

"Physics is Phun" Program. Fascinating lecture-demonstration programs given four times a year in the evening and open to the public, with special allure for high school students interested in physics. Gives parents of young children the answers they always wish they knew to some of the questions kids ask about everyday observations. Presented under the auspices of UMCP's Physics Department.

Available to: Anyone

Fees: FREE

Hours: Same program on consecutive Th-F evenings, 4/year.

Publications: FREE calender of dates and topics, on request.

Information:
Dr. Richard Berg
Physics Department
UMCP
College Park, MD 20742
(301) 454-3520

Science Communication Sequence. Ways of communicating scientific information to non-scientists. See index.

WATER

Center for Environmental and Estuarine Studies (CEES). This major research arm of the University specializes in Maryland's natural water resources. See Environment section of this chapter for this and other water-related entries.

Center of Marine Biotechnology. Water industries will be interested in this Baltimore-based center of the University's top talent in marine biotechnology, that fast-growing science that can alter cells to produce new organisms or spur the growth of marine life such as oysters and fish. The Center is a component of the University's Maryland Biotechnology Institute. See index.

Chesapeake Research Consortium, Inc. An association of four institutions, each of which has had a long-standing involvement in research on problems affecting the Chesapeake Bay, the Consortium unites the University of Maryland System with The Johns Hopkins University, the Smithsonian Institution and the Virginia Institute of Marine Science. The Consortium is unique in American science. No other research group exists that can assemble the kinds of multidisciplinary staffs and specialized facilities to tackle large-scale problems dealing with the entire Chesapeake system. The Consortium maintains a strong liaison with local, state, regional and federal agencies that use the products of its research. Information about what the Consortium has done and is capable of doing is available upon request.

Available to: Concerned parties

Fees: Depend on service.

Publications: Over 100 research publications and numerous reports.

Information:
Dr. Maurice P. Lynch, Director
Chesapeake Research Consortium, Inc.
P.O. Box 1120
Gloucester Point, VA 23062
(804) 642-7153

Coastal and Estuarine Policy Program. Brings together UM expertise in law, science and public policy to assist the State in addressing the critical environmental problems facing the Chesapeake Bay and the region. For example, ways to revitalize the oyster industry are being explored by students, scientists and faculty of the three UM partner units: the School of Law, the Center for Environmental and Estuarine Studies, and the School of Public Affairs.

Available to: Concerned parties.

Fees: Depend on service.

Information:
Coastal and Estuarine Policy Program
School of Law
500 W. Baltimore Street
UMAB
Baltimore, MD 21201
(301) 328-8030

Fish Disease Program. This UMCP academic unit conducts research on and diagnoses diseases of hatchery-reared and wild fish populations. Fresh water species are examined, but primary emphasis is on diseases of Chesapeake Bay finfish and shellfish. Aquarium species are not accepted. Objective: through careful surveillance, prevent introduction or establishment of viruses, bacteria or parasites in hatcheries or wild fish populations.

Available to: Fish culturists, commercial and sport fisherman.

Fees: FREE

Information:
Dr. Frank Hetrick
Department of Microbiology
Microbiology Building
UMCP
College Park, MD 20742
(301) 454-5411

Maryland Water Resources Research Center. State, federal or commercial organizations who are interested in water problems in Maryland will find the Water Resource Research Center a storehouse of information and a liaison body for research being done on such subjects as acid rain and water pollutants. The Center publishes reports on completed research projects which are available FREE upon request. Recent examples: Historical and Projected Shoreline Changes, Ocean City and North Assateague Island, Maryland; Effects of Disinfection Techniques on Chesapeake Bay Sediments; The Impact of Point and Non-Point Nutrient Enrichment on the Dynamics of Natural Phytoplankton. Dr. Robert E. Menzer, Director.

Available to: Anyone

Fees: FREE

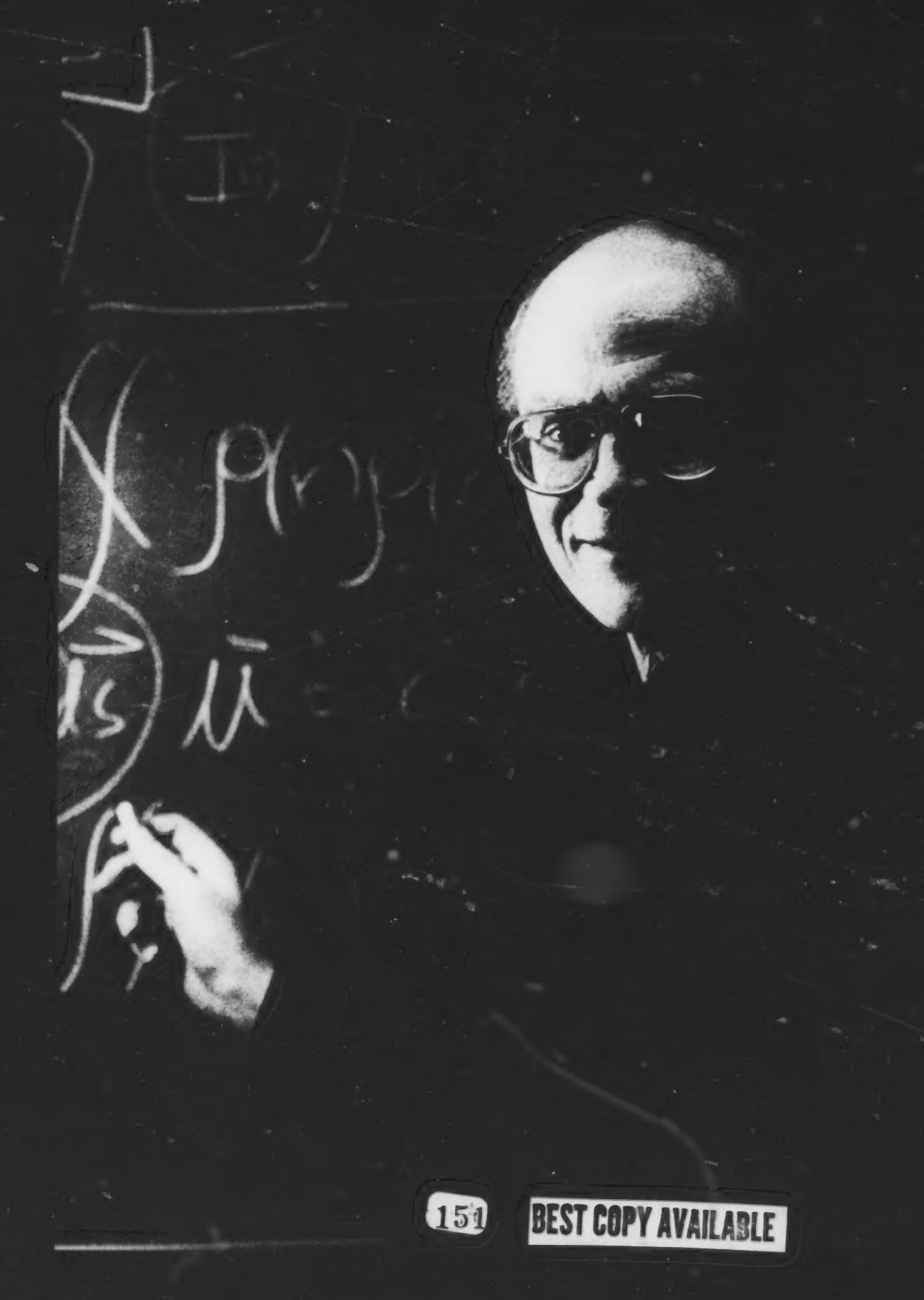
Information:
Velma Dillard
Water Resources Research Center
0313 Symons Hall
UMCP
College Park, MD 20742
(301) 454-6406

Sea Grant Extension Program (CES). Maryland watermen who draw food from the waters of the Chesapeake Bay and the Atlantic Ocean can get expert advice and technical assistance from this arm of the Cooperative Extension Service, be it oyster biology or finfish facts. The Sea Grant Extension Program is also at the service of Maryland's constantly growing marina and boating industry, providing the industry with critical updates on everything from computerized business management to coastal codes and regulations.

Available to: Anyone

Fees: None

Information:
County Offices of the University of Maryland Cooperative Extension Service. (See full listing under Agriculture.)



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CHAPTER FOUR

EDUCATION NOW

FOR EDUCATORS

Center Alliance for Secondary School Teachers and Texts. Holds institutes for the study of literature at three locations in Maryland each year for high school English teachers. Purpose: to enhance teachers' academic background in subjects they teach, not teaching methods. All participants will meet for special programs, drama festivals, and a year-end trip to the Shakespeare festival in Stratford, Ontario. Program established under the UMCP Center for Renaissance and Baroque Studies. Participants receive three hours of graduate credit.

Available to: As above.

Fees: Depend on service.

Information:
Dr. Maynard Mark, Co-Director
Center Alliance for Secondary
School Teachers and Texts
Department of English
Taliaferro Hall
UMCP
College Park, MD 20742
(301) 454-2740 or 6960

Center for Applied Skills in Education (C.A.S.E.). C.A.S.E. operates under the auspices of the Towson State University's College of Education & Instructional Technology. It serves University staff and students in the application of educational skills to a variety of field settings, including tutoring, and student teaching. C.A.S.E.'s scope of operations involves 17 University departments and many public and independent schools in Maryland. Information about student teaching, employment in teaching, supervisory skills, research on teaching, etc., are available.

Available to: Teachers and other educators

Fees: FREE

Information:
Director
Center for Applied Skills in Education
302 Hawkins Hall
Towson State University
Towson, MD 21204-7097
(301) 321-2567

Center for Curriculum Development and Change. Local groups who need to revise courses of study or initiate new ones, and who want help with strategy, this new UMCP center is for you. From coordinating the curriculum to fit your own mission to recommending advanced graduate students for your project, the center can collaborate to make it happen.

Available to: Public and private schools, business, industry, museums, governmental and private agencies.

Fees: Depend on service.

Publications: Brochure describing center services with mail-in project request form, upon request.

Information:
Dr. Steven Selden
Center for Curriculum Development and Change
Department of Education Policy, Planning and
Administration
College of Education
UMCP
College Park, MD 20742
(301) 454-5766

Center for the Council of Economic Education in Maryland. Have any idea how to teach economics to kindergartners? UMCP's Center for Economic Education does...and has developed a package of instructional materials for kindergarten through second grade as just one of many services to schools, educational agencies and community organizations. No aspect of teaching economics is untouched by the Cen-

ter, with workshops available in the Economics of Energy Crisis, in-service courses in Consumer Legislation and Consumer Economics, and the establishment of a resource library of economics instructional materials for teachers. Films, tapes and other related audio-visual materials are available upon request.

Available to: Schools and concerned parties.

Fees: FREE

Information:
Mary Ann Hewitt, Director
Center for the Council of Economic Education in Maryland
Department of Industrial, Technological and Occupational Education
UMCP
College Park, MD 20742
(301) 454-4264

Center for Educational Research and Development (CERD at UMBC). Maryland school systems and local and state government agencies will find in UMBC's CERD an excellent source for evaluation, guidance and policy interpretation on educational matters. Recent CERD research includes a study of the Advanced Placement Program and a study of elementary schools. The Center runs two statewide student competitions—the Maryland Computer Bowl for high school teams and the Odyssey of the Mind Maryland State Tournament for elementary and secondary school teams. The Center is working on a number of projects with Baltimore City Public Schools including the scoring of the BCPS writing tests. Also housed at CERD are the Clearinghouse for Computers in Education in Maryland and the Law-Related Education Program for the Schools of Maryland.

Available to: Schools, school systems and governmental agencies.

Fees: Depend on service.

Publications: *Computers in Education in Maryland*, bimonthly newsletter, FREE on request.

Information:
Dr. Gilbert R. Austin, Director
Center for Educational Research and Development
UMBC
Baltimore, MD 21228
(301) 455-3124 or 3200

Center for Educational Research and Development (CERD at UMCP). Local or state educational agencies who need help from any UMCP unit, call or write CERD as your central contact. Besides matching UMCP's resources to your needs, CERD serves educators around the state by designing staff development programs, conducting studies in the area of adult and continuing education, and researching educational problems such as teacher effectiveness and the social context of education. In addition, CERD consultants can provide problem-centered support to other educational researchers.

Available to: Educational agencies, school systems.

Fees: Depend on service.

Publications: FREE annual report on research in education.

Information:
Dr. John T. Guthrie, Director
Center for Educational Research and Development
3119 Benjamin Building
UMCP
College Park, MD 20742
(301) 454-2109

Center for Instructional Development and Evaluation. Applies the University's academic resources to the modern needs of business, industry and government. See index.

Center for the Study and Prevention of Campus Violence. A resource at Towson State University for all concerned educators. See index.

Center for the Study of Education Policy and Human Values. Principally a UMCP research center linking humanities scholars, educators, and public officials in the United States and abroad in cooperatively developed programs of intercultural education, civic learning, child policy, and humanities, the Center works with teachers, school administrators, public officials, and international agencies in short and long term curriculum development programs, summer seminars and study tours, and studies of American education. The Center houses the Mid-Atlantic Region Japan-in-the-Schools Program and Clearinghouse for Japan-related instructional materials and prepares programs for agencies like the American Historical Association, the Japanese Embassy, the Council for the Advancement of Citizenship, Governors' Offices of Children and Youth, and State Departments of Education, as well as hosting visiting scholars.

Available to: Interested educators and public and nonprofit educational organizations.

Fees: Depend on service.

Information:
Dr. Barbara Finkelstein, Director
Center for the Study of Education Policy and Human Values
Department of Education Policy, Planning and Administration
H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-5755

Clearinghouse for Computers in Education in Maryland. UMBC clearinghouse keeps educators in Maryland in touch with the latest computer happenings in elementary and secondary schools through a newsletter and an annual conference on computers in education in Maryland.

Available to: Concerned parties

Fees: Depend on service.

Publications: *Computers in Education in Maryland*, bimonthly newsletter, FREE on request.

Information:
Dr. Gilbert R. Austin, Director
Center for Educational Research and Development
UMBC
Baltimore, MD 21228
(301) 455-3124 or 3200

Comparative Education Center, The. Ask a question about education anywhere in the world...UMCP's Comparative Education Center knows the answer or where to find it. Educational issues in various foreign countries and how they compare to our own are the subject of the Center's published research, conferences and public lectures. The Center would like to do research on policy problems for organizations able to provide funding. To receive reprints of published research articles, call and have your name placed on the Center's mailing list. Dr. George Male, Director.

Available to: Anyone

Fees: Depend on service.

Information:
Helen Marsh, Secretary
Comparative Education Center
Department of Education Policy
H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-4032

Council on Economic Education in Maryland (CEEM). One of 50 State councils on Economic Education, CEEM is located at Towson State University and serves Maryland and the District of Columbia. The Maryland Council is a non-profit, non-partisan organization, affiliated with the Joint Council on Economic Education, and dedicated to improving economic literacy by increasing the quantity and quality of the economic education programs available to local communities. The Maryland Council is the primary source supporting the statewide economic education effort, receiving both public and private support. It helps its affiliated Centers to introduce and deliver economic education into local schools and works with those school systems that affiliate with the Cooperating Schools Program (DEEP). Each year the Maryland Council sponsors an award for teaching economics in Maryland schools.

Available to: Elementary and secondary teachers and supervisory personnel from any discipline, in public, private and parochial schools.

Fees: FREE

Publications: Newsletter, *News Digest*, 3x/yr; annual report.

Information:
Carol Adams
Director
Council on Economic Education in Maryland
Towson State University
Towson, Maryland 21204-7097
(301) 321-2137

Counseling Psychology Program. Trains counseling psychologists. See index.

Curriculum Theory and Development and Educational Communication. Curriculum development and evaluation activities, as well as teacher training, education and evaluation are provided by this UMCP unit. Individual faculty members are qualified to assist in educational media technology and production.

Available to: Schools, certain industries.

Fees: Depend on service.

Information:
Dr. Steven Selden
Curriculum Theory and Development and Educational Communication
Department of Education Policy
H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-5766

Education Policy, Planning, and Administration, Department of. This UMCP academic unit administers five research and development organizations: Center for Curriculum Development and Change, Center for the Study of Education Policy and Human Values, Comparative Education Center, Regional Assessment Center for School Based Administrators, and Research and Development Laboratory on School Based Administration (see index). The Department also provides faculty for the Institute for Research in Higher and Adult Education; the Mid-Atlantic Japan-in-the-Schools Program; Project LEAD; and the National Center for Postsecondary Governance and Finance. (See separate entries, this section.) Research and consultation are available on educational goals and history, adult education, school finance, school leadership assessment, state funding and coordination of higher education, school effectiveness and organization, school desegregation, organization of child care services and programs, educational technology, collective bargaining, curriculum development, comparative and international education, and such current education policy issues as quality v. equality, declining enrollments, school building closings, life-long learning, due process for staff and students in educational institutions, computer-assisted instruction, federal-state-local collaboration, and organization size. Department faculty use statistical analyses, ethnography, case histories, participant observation, and interviews.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. Donald Warren, Chair
Department of Education Policy, Planning, and Administration
2110 H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-5766

Educational Technology Center. The Ed Tech Center is the UMCP source for significant services that support the College of Education and other patrons. The Center produces instructional materials and consults on ways to develop and utilize media effectively. ETC's production lab is available for transparency making, audio recording, photocopying, slide sorting, previewing, dry mounting, laminating, paper cutting and video recording. Ask about the Computer Lab and the Video Classroom.

Available to: Interested groups (on a time available basis).

Fees: Various charges for materials, labor and facilities fees.

Hours: M-Th, 8:30am to 10pm; F, 8:30am to 4:30pm.

Information:
Dr. Sue Clabaugh, Director
Educational Technology Center
0307 H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-4017 or 3824

Experiential Learning Assessment Network. Co-founded by UMUC in 1987, ELAN is an organization for college administrators and faculty interested in the assessment of prior learning.

Available to: Concerned parties.

Fees: N/A

Information:
Jacquelyn Johnson, President
Experiential Learning Assessment Network
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7395

Foreign Language Institutes for High School Teachers. A rejuvenating experience for U.S. teachers of foreign languages to K-9 students of public or private schools. Come to campus (UMBC or UMCP) and totally immerse yourself in the language by living it in residence for ten to eighteen days during the summer.

Available to: As above.

Fees: Tuition FREE, 3 to 6 graduate credits depending on duration of institute.

Information:
Lillie S. Ransom
Foreign Language Institutes
Office of Summer Programs
UMBC
Baltimore, MD 21228
(301) 455-2335

Graduate Studies in Higher and Adult Education. Primarily a graduate program leading to a Ph.D., this UMCP academic unit supplies expertise on higher and adult education to the institutions themselves or to state, regional or national organizations who deal with higher education. Subjects include legal aspects of education, planning, academic governance, adult education, staff development and training, and budgeting, and state and federal policy.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Robert Berdahl
Graduate Studies in Higher and Adult Education
College of Education
2110 H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-5766

Head Start Resource and Training Center. All Head Start programs in Region III can get training and technical assistance from this resource center at UMUC. Some Head Start training offers CEU's. National Head Start Bulletin/Resource Exchange and the National Head Start Data Management Project operate out of this office. JoAn K. Herren, Director.

Available to: All Head Start programs, concerned parties.

Fees: Depend on service. Films on loan free in Region III, $25 preview fee to others/non Head Start.

Publications: Publications sale list and resource catalog on request.

Information:
JoAn K. Herren, Project Director
Head Start Resource and Training Center
Room 863C, Presidential Building
UMUC
College Park, MD 20740
(301) 985-7840

Health Education Video Programs. Award-winning videos about a variety of health problems—including "Rachael," the story of a five-year old with cerebral palsy who is mainstreamed—available through Video Services, UMAB. See index.

Institute for Child Study. Tailor-made teaching programs for special problems. See index.

Institute for Research in Higher and Adult Education. Concentrates on relations between institutions of higher and adult education and their state and federal governments. Research and public service for community colleges in Maryland is a special emphasis. This UMCP Institute hosts an annual lecture series on national and state policies toward higher education, a visiting scholars program, and conferences on topics of special interest.

Available to: Interested parties

Fees: None

Information:
Dr. Robert Berdahl, Director
Institute for Research in Higher and Adult Education
College of Education
H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-5766

Institute for the Study of Exceptional Children and Youth. The handicapped and the gifted and talented: issues confronting them are explored innovatively by this UMCP Institute. In close focus: policy research, microcomputers in special education, teacher training research. Actively involved with the Maryland State Department of Education and a number of local educational agencies, the Institute is exploring ways to improve education for all exceptional students.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Philip J. Burke, Director
Institute for the Study of Exceptional Children and Youth
1220 H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-6921

International Clearinghouse on Science and Mathematics Curriculum Development. At UMCP a comprehensive collection of science and mathematics curriculum materials from all over the world is available to visiting teams of curriculum writers, faculty and visitors. Composed of both computerized programs and books, films, tapes and manuals, the collection dates from 1962 and is the official National Science Foundation's archives collection. International in scope (it contains, for example, an extensive group of Japanese science films), the collection attracts scores of foreign visitors as well as American educators from coast to coast.

Available to: Anyone

Fees: FREE to visitors; arranged fee for use by curriculum writing teams.

Publications: Annual reports by the International Clearinghouse for sale.

Information:
Dr. J. David Lockard, Director
International Clearinghouse on Science and Mathematics Curriculum Development
H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-4028 or 2024

Japan-in-the-Schools Program. Regionally located at UMCP, this innovative program teaches secondary school teachers how to accurately portray Japanese culture to their students in Maryland, Virginia and the District of Columbia. Teachers have the opportunity to attend weekend colleges, take intensive study tours including summer tours to Japan, and have the use of special instructional materials available through a clearinghouse developed for that purpose. (See MARJIS Clearinghouse in index.) Funded by the U.S.-Japan Foundation.

Available to: Interested parties.

Fees: Depend on service.

Publications: Newsletter, *Update*, 4x/yr., on request.

Information:
Dr. Barbara Finkelstein
Director
Mid-Atlantic Region Japan-in-the-schools Program
College of Education
UMCP
College Park, MD 20742
(301) 454-5766

Law-related Education Program for the Schools of Maryland. Promotes citizenship and law-related education in public and private schools throughout Maryland, the nation's third largest law-related education state. Many materials of instruction, curriculum guides, exhibits, films, tapes and publications available for instruction of students grades K-12. Recent projects included institutes for Maryland teachers to enhance constitutional studies, esp. during its bicentennial. The UMBC Program also offers a unique delinquency prevention program called Positive Youth Development Network. With community and corporate support it works to help neighborhoods identify and correct conditions that foster delinquency. One recent major effort was with Cherry Hill Community in Baltimore.

Available to: Schools, community organizations, concerned parties.

Fees: None

Publications: Sample model curriculum guides: *Juvenile Justice, Students' Rights and Responsibilities, Vandalism: The Price is High, Educating for Citizenship,* and others at low or no cost.

Information:
Rick Miller, Director
Law-related Education Program for the Schools of Maryland
CERD
007 Math Psych
UMBC
Baltimore, MD 21228
(301) 455-3239

LEAD Program. A summertime mini-MBA program for 11th grade minority students at UMCP, designed to promote entrepreneurship. See index.

M. Lucia James Curriculum Laboratory, The. A model facility of its kind, the Curriculum Lab at UMCP has hosted fact-finding visits by educators from around the world. It houses and circulates a diverse collection of current educational materials, including: curriculum guides, elementary and secondary textbooks, audiovisual media, standardized tests, current professional journals, education reference books, educational research indexes, microcomputer software, etc. The professional staff answers inquiries and consults with those interested in curriculum development or research. Coin-operated photocopy machines are available. Curriculum lab collection is cataloged and shelved according to Dewey decimal numbers.

Available to: The Reading Room to anyone. Circulation to students, faculty or affiliates of the College of Education.

Fees: None

Publications: Brochure with floor plan and description of facilities, on request.

Information:
Dr. Charles Brand, Director
The M. Lucia James Curriculum Laboratory
2230 H.R.W. Benjamin Building
College of Education
UMCP
College Park, MD 20742
(301) 454-5467

Maryland Information Network for Teaching Science (MINTS). This network office located at UMCP links science educators on the college level to science supervisors in the field, and acts as an information clearinghouse which networks to individual schools. Data available via modem or phone call. Computer bulletin board offers news and updates. Dr. J. David Lockard, Director.

Available to: As above.

Fees: FREE

Publications: *MINTS Newsletter*, monthly newsletter on request.

Information:
Mary Louise Bellamy
MINTS Program
0227 H.R.W. Benjamin Building
College of Education
UMCP
College Park, MD 20742
(301) 454-1533

Maryland Scholastic Press Advisors Association. Consultation to student publications and their advisors. See index.

Maryland Vocational Curriculum Research and Development Center. What's new in vocational, technical, industrial or career education? In Maryland, the answers lie here for vocational educators as well as for users like business and industry. Services include consulting, library loan, curriculum materials on request, and a superb media loan unit containing films, filmstrip cassettes, slides, records and instructional games. Subjects range from money management to wood working and person-to-person relationships. Call for a topic of interest to you.

Available to: As above

Fees: FREE

Publications: Media loan catalog with over 1,000 titles; annual report; *Resource Review*, quarterly newsletter.

Information:
Dr. James E. Woodhull, Director
Md. Vocational R&D Center
3229 J. M. Patterson Hall
UMCP
College Park, MD 20742
(301) 454-2260

National Center for Postsecondary Governance and Finance. $6.5 million grant provides funding for research on postsecondary finance, government and management—a cooperative program with Arizona State U., Columbia U. and the U. of Wisconsin-Madison. Project highlights include: a major report on evaluating state boards, a survey of institutional planning attitudes and behaviors, the creation of a forum for college financing alternatives, and an analysis of subsidies to students of different demographic and economic backgrounds. The National Center's UMCP headquarters is now the home of the celebrated Kelsey collection of 2,500 books, journals and reports concerned with postsecondary education.

Available to: Anyone

Fees: FREE

Publications: Monthly newsletter on request.

Information:
Dr. Richard P. Chait
Executive Director
National Center for Postsecondary Governance and Finance
College of Education
UMCP
College Park, MD 20742
(301) 454-1568

Office of International Education Services. The Office of International Education Services is an important information and advising center at UMCP for foreign students and faculty, as well as for the campus's international guests. It is a liaison with the U.S. Immigration and Naturalization Service for UMCP. On the other side of the coin, IES provides a Study Abroad Office, which includes an information library, overseas grant applications, personal advising, assistance in registering and transferring credit, and help with finding work abroad and with making travel plans-including issuing an International Student Identity Card, the American Youth Hostel Card and the Eurailpass. Advice is available to Maryland public or private schools on admission and immigration issues for foreign students. IES works closely with The Maryland English Institute at UMCP (see index). Information about UM programs in other countries offered in the Study Abroad Office of IES, in nearby room 1113. Countries with programs for 1987-88 include Beijing, China; Brazil; Denmark; Israel; and London, England; as well as specific exchange programs.

Available to: Anyone

Fees: FREE

Publications: Free booklets *Study Abroad, Travel Abroad,* and *Work Abroad;* specialized booklets such as *Study in London.*

Information:
Valerie Woolston, Director
International Education Services
2115 North Administration Building
UMCP
College Park, MD 20742
(301) 454-3043

Office of Laboratory Experiences. A UMCP program of great benefit to state education, OLE works with both college students and teachers. OLE operates several collaborative programs with local school districts known as Teacher Education Centers and Professional Development Centers. These sites serve both college students and in-service teachers. Besides arranging for required student teaching experiences, OLE makes possible a variety of sample teaching experiences for undergraduates, majoring in education. The office also coordinates outreach graduate programs for UMCP's entire College of Education.

Available to: School systems, teachers, UM students.

Fees: FREE

Information:
Dr. James D. Greenberg, Director
Office of Laboratory Experiences
H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-5291

Partnerships with the Schools. Any school in Maryland interested in a collaborative activity with the University may like to call and see what is already successfully underway. UMCP's efforts are well documented, the result of a President's Task Force on School/University Cooperative Programs. According to its own survey, UMCP has partnership programs in nearly all of Maryland's 23 county school systems, with 25 programs in Prince George's and Montgomery Counties alone. The campus is also involved in programs in other states, including Virginia, New Jersey and Washington, D.C. The total at survey time was 145 programs, ranging from top-level institutional agreements to one-on-one faculty efforts.

Samples:

University High School Magnet Program. Housed at Suitland High School, program provides state-of-the-art college preparatory experience to high school students.

Northwestern High School. UM Collaborative Project offers joint research projects, faculty exchanges, and student field trips.

Teaching Effectiveness Network. This collaboration between UMCP's College of Education, the State Department of Education and Prince George's and Howard Counties Public Schools won first place in a national competition for teacher education programs.

On other pages, see index:

Physics is Phun, Shakespeare Summer Institute, and *LEAD.*

Each of UMCP's 14 on-campus colleges and schools has a designated coordinator for information on its special programs. Call the following information people in the academic area of your choice for more information or for program updates, kept current in a data base inventory.

Available to: As above.

Fees: N/A

Overall Information:
Dr. Muriel R. Sloan
Partnerships with the Schools
Assistant Vice Chancellor for Academic Affairs
1120 Francis Scott Key Hall
UMCP
College Park, MD 20742
(301) 454-4284

Information by UMCP Interest Areas:

College of Agriculture
Mrs. Colleen Clark
(301) 454-3621

College of Arts and Humanities
Dr. Patti Gillespie
(301) 454-2544

School of Architecture
Dr. Steve Sachs
(301) 454-4175

College of Behavioral and Social Sciences
Dr. Diana R. Jackson
(301) 454-5605

College of Business and Management
Dr. Patricia D. Stocker
(301) 454-2406

College of Computer, Mathematical and Physical Science
Dr. Robert W. Ridky
(301) 454-3548

College of Education
Dr. Wendy Atwell
(301) 454-5668

College of Engineering
Dr. Jim Newton
(301) 454-4048

College of Human Ecology
Dr. Martha Taylor
(301) 454-5163

College of Journalism
Ms. Lois E. Kay
(301) 454-6939

College of Library Information
Dr. James Liesener
(301) 454-2374

College of Life Sciences
Dr. Linda Berg
(301) 454-3812

College of Physical Education, Recreation and Health
Dr. Jerry Wrenn
(301) 454-5616

School of Public Affairs
William L. Powers, LL.B.
(301) 454-7401

Office of Undergraduate Studies
Dr. Jerry Lewis
(301) 454-2116

For other UM system campuses' programs, call the hotline, 454-3000.

Research and Development Lab for School-Based Administrators. Spearheads the University's commitment to the state to help improve school administration. Located at UMCP, the lab concentrates on collaborative research with the Maryland State Department of Education and all local public school systems on training, selection and development of excellence in school principals. Technical assistance, consulting and non-credit training are offered to principals and superintendents from local educational agencies.

Available to: As above

Fees: FREE

Information:
Dr. Edward Andrews
Research and Development Lab for School-Based Administrators
3115 Benjamin Building
UMCP
College Park, MD 20742
(301) 454-5766

The Resource Center for ESOL/Bilingual-Bicultural/Multicultural/Foreign Language Education. At UMBC. See index.

Science Teacher Enhancement Program (STEP). UMAB/UMBC program helps high school science teachers gain perspective on, expertise in, scientific research. STEP is a 7-week full-time summer research practicum in biological/biomedical sciences. Teachers are paid $200 per week to participate. Information: 455-2901.

Science Teaching Center. Teachers of science (middle to senior high school) can enhance their skills through programs in science education presented by UMCP's Science Teaching Center. Send for a listing of over 30 available workshops with such timely titles as "Computer Literacy for Educators" and "Using Everyday Things to Teach Science." In addition, the Center's specialized science library offers Maryland teachers a valuable information resource.

Available to: Concerned parties

Fees: Depend on service.

Publications: FREE listing of workshop titles.

Information:
Dr. William G. Holliday, Director
Science Teaching Center
0227 H.R.W. Benjamin Building
College of Education
UMCP
College Park, MD 20742
(301) 454-2024

Shakespeare Institute, Summer. What a way to counter teacher burnout! For five weeks in the summer high school English teachers come to UMCP to be immersed in lectures, films, performances, demonstrations and discussions about Shakespeare's work. Living on campus, they are exposed to scholarly work on Shakespeare, in many cases for the first time since college. Attendance is limited. Information: Dr. Maynard Mack, Jr., co-head of Institute at 454-6960, or the hotline, 454-3000.

Special Education Department. This UMCP academic unit will provide assistance as requested to state and local governments, schools and private organizations on any problem or project regarding exceptional children. Any applied policy research will be performed by the department's Institute for the Study of Exceptional Children and Youth (see index). Certification programs and occasional in-service training for people interested in Special Education are regularly offered by the department, as is coordination of field placement internships for both graduate and undergraduate special education students. Qualified students may be contacted for tutoring of special ed children through this department.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Philip J. Burke, Chair
Special Education Department
1308 H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-4704

FOR LEARNERS

Apprenticeship Training Program. A four-year skilled trades training program at UMCP that offers permanent full-time salaried positions for apprentices in air conditioning and refrigeration, carpentry, plumbing, electricity, locksmithing, steamfitting, temperature (HVAC) controls, automotive mechanics and auto body and fender repair. A certificate and promotion to journeyperson in the trade are awarded upon completion of the more than 6,400 hours of on-the-job training and nearly 600 hours of classroom instruction. Apprentices earn pay raises and University benefits. Program administrators will consult with other universities or state agencies that are interested in establishing their own apprenticeship programs.

Available to: Anyone, 18 or older, English speaking.

Fees: FREE

Publications: Brochure, *Apprenticeships*; newsletter, *News on Apprenticeships*.

Information:
Wallace Glasscock
Apprenticeship Training Program
Assistant Director, Physical Plant
2300 Service Building
UMCP
College Park, MD 20742
(301) 454-3213

Automotive Courses. Day and evening courses available through UMCP's Dept of Industrial, Technological and Occupational Education. Call 454-4264.

Basic Skills Center. Located in the Student Developmental Center, BSC was created to provide instructional and tutorial assistance to UMES students in reading, math and writing. It also serves as a resource for similar programs in area schools and organizations.

Available to: Concerned groups

Fees: FREE

Information:
Dr. Diann R. Showell, Director
Basic Skills Center
Box 1088
UMES
Princess Anne, MD 21853
(301) 651-9591 or 651-2200, ext. 421

Black College Satellite Telecommunications Network (BCSTN). UMES is a member institution of this network that links historically black colleges and universities through state-of-the-art technology with the goal of improving academic offerings through telecommunications. A variety of educational and cultural programs are available by broadcast to the general public, to civic groups and other community or regionally based organizations. Viewers may see some broadcasts on public channels; others may be viewed on a monitor in the Frederick Douglas Library auditorium. Programs made available to the public in 1987 included: "AIDS Teleconference," and "Parent Education Teleworkshop."

Available to: General public, faculty, staff, students.

Fees: FREE; occasional program fee required.

Information:
Sharon Brooks
Media Services Librarian
BCSTN
Frederick Douglas Library
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 665

Career Mentor Project. CMP mentors share their knowledge of a particular career with UMCP students seeking contact with people who have direct knowledge.

CMP is part of the Retired Volunteer Service Corps. For information, please call 454-4767.

Center for Instructional Development and Evaluation. Applies the University's academic resources to the modern needs of business, industry and government. See index.

Center for Minorities in Science and Engineering. A special way of encouraging minority persons in math-based careers is generated by this UMCP Center. Pre-college minority students interested in computer science and engineering are invited by arrangement to visit the campus. Visitors under this program range from high schoolers to minority elementary students. They are treated to tours of technical labs, lunch in a student dining hall, and a look at famous campus sites such as Cole Field House. Staff of the Center will visit schools by request to talk to students about math-based careers, and frequently hold workshops for high school counselors. The Center offers scholarship funding for minorities in engineering and is a good source of information about minority financial aid. To UMCP minority students in computer science and engineering, the Center offers academic advising, counseling and tutoring services, including computer-assisted tutorials. A new mentor program matches representatives from government and private industry with minority students.

Available to: Minorities interested in math-based careers.

Fees: FREE

Information:
James N. Newton
Center for Minorities in Science and Engineering
College of Engineering
UMCP
College Park, MD 20742
(301) 454-7219

Children's educational services. See section on Children in Chapter 8.

College Bound Program. Helps the college-bound student develop skills for college success. The UMCP program is open to college-bound high school juniors and seniors, regardless of the college or university they plan to attend. Held after school once a week, the program provides counseling and workshops on topics such as textbook comprehension and note-taking, independent work on speed reading and vocabulary, and campus visits to Hornbake Undergraduate Library, the Career Development Center, and a selected lecture class.

College Bound is part of the Learning Assistance Service the Counseling Center. Shirley Browner, Coordinator.

Available to: As above

Fees: $175 course fee.

Information:
College Bound Program
Learning Assistance Service
Shoemaker Building
UMCP
College Park, MD 20742
(301) 454-2935

College Courses for High Schoolers. Teens going into their junior or senior year of high school who have a B grade average or better may take certain courses at University of Maryland System member institutions for credit. For more information contact Mary Hennessey at UMCP, 454-4009, and ask about concurrent admission, or call Undergraduate Admissions at other campus of choice.

College Days. A series of adult education classes sponsored by the University of Maryland Cooperative Extension Service around the state. Sample subject: a demonstration class of new techniques for microwave cooking. For information, call your county cooperative extension office. See index.

College in Escrow. This Towson State University program offers outstanding high school students a unique opportunity to take college classes and earn college credit before graduation. The College in Escrow program also enables these students to become familiar with the college environment. Participants may select courses in any area of study. College in Escrow students earn credit is college classes in dance, computer science, languages, physics, creative writing, psychology, business math and many other areas. While introductory level courses are encouraged, more advanced courses may be taken if the student qualifies for them. A limited number of scholarships are available.

Available to: High School students who have completed junior year with minimum B average in academic subjects. (Younger students sometimes admitted). Approval of a high school counselor and a meeting with a College in Escrow counselor also necessary. Admission to this program does not guarantee formal admission to Towson State University.

Fees: Current fee schedule for tuition per credit as published in schedule book, registration fees, University fees, and any additional lab fees.

Publications: Brochure, available upon request.

Information:
Carolyn Herringer
College in Escrow Coordinator
College of Continuing Studies
Towson State University
Towson, MD 21204-7097
(301) 321-2471

Computerized Scholarship Search. Start looking for money help with your education the easy way with UMCP's computer matchmaker. Over 20,000 sources of potential funding are in the data bank, and the computerized search will match your major, hobby, skills, interests, ethnic group, and associations against the eligibility requirements of these mainly non-University sources. Dr. Ulysses S. Glee, Director of Financial Aid.

Available to: Anyone

Fees: $5 if University affiliated; $10 to all others.

Information:
Office of Student Financial Aid
2130 North Administration Building
UMCP
College Park, MD 20742
(301) 454-3046

Center for Professional Development. If you have professional or personal development needs—or are part of an association, business, industry or government agency requiring you to have specific education or training—call the Center for Professional Development. Short courses are the forte of this unit of UMUC, the University's lifelong learning campus. Sample courses include a wide range of high tech choices in engineering and computer science, courses in career assessment and licensing prep for those eyeing career change, and a variety of business skills and communications selections. Scheduled for Summer 1988, for example, were a course in applied reliability for engineers, an advanced course in commercial and investment real estate, an LSAT workshop, a class in personal financial planning, and a variety of training classes in Lotus 1-2-3, dBASE programming, and word processing. Center staff will work directly with organizations to custom-tailor training programs, or to restructure almost any of the programs listed in the semester *Schedule*. Training programs may be held at your business place or at any of UM's educational facilities and meeting sites (see UM Meeting Sites). A list of the Center's prior clients is available by request. Many of our courses grant the CEU's

(continuing education units) required by some professions for increasing knowledge and competencies.

Available to: Professional and general audiences.

Fees: Depend on program.

Publications: *Schedule, Bulletin,* and individual course brochures, on request.

Information:
Michael C. Alin
Assistant Chancellor and Director
Center for Professional Development
UMUC
College Park, MD 20742
(301) 985-7157

Consortium of Washington Universities. Events that are free—or the next thing to it—are yours in abundance at the numerous universities and colleges in and around the city. UMCP is a member of this area consortium. For a bi-monthly calendar listing music, film, lecture, and art exhibit opportunities, call 454-5335.

Continuing Professional Education. Noncredit seminars, courses, workshops, conferences, and institutes are offered by Towson State University in response to groups or professionals requiring in-service training, updating or upgrading of licensure, or certification/recertification. Educational activities often are planned to meet state or professional board-mandated continuing education requirements. Continuing Education Units (CEUs) are typically awarded. Programs have been conducted for psychologists, certified public accountants, occupational therapists, employee benefit specialists, speech-language pathologists, educators and other professionals.

Available to: Professionals and others requiring continuing education.

Fees: Depend on service.

Information:
College of Continuing Education
Towson State University
Towson, MD 21204-7097
(301) 321-3532

Cooperative Education. Alternating semesters of classroom study and workplace experience available at all campuses. See index.

Courses by Electronic Blackboard. UMUC sends courses via "electronic blackboard" to Southern Maryland. The OPTEL program, new in 1988, improves access to college instruction for the working public. When a professor at College Park draws on the electronic pad or black board, students in St. Mary's County, for example, can see the results on a video monitor; the professor's remarks are broadcast over a speaker, and a still camera which can transmit diagrams and other images over the video screen is another feature of the system. The audiographic system, integrating voice, graphics and still video for transmission over a standard phone line, offers a low cost option for reaching small groups of students in remote areas. Information: Dr. Sally Johnstone, Director of Instructional Telecommunications, UMUC, (301) 985-7448.

Elderhostel. Welcomes over-60's to several campuses of the University of Maryland System for work and play. See index.

"El Ingeniero." A summer program for around 40 Hispanic middle-schoolers which brings them to UMCP's College of Engineering to give them a chance to sharpen math and science skills and rub elbows with working engineers. For more information, please call the hotline, 454-3000.

Environmental Education Program. A delightful opportunity "to get back to nature" for children and their teachers or volunteer leaders, grades K-12. See index.

EXCEL Program. The Excel Program at UMUC is tailored to the career person who wishes to have past job and life experience count for college credit. In a nutshell: you must take the three credit seminar EXCL 301, prepare a portfolio demonstrating non-collegiate college-level learning, and have the portfolio evaluated by faculty experts in your field. The maximum number of credits awarded is 30. The typical award is between 8 and 15 credits. Every bit helps when it means you get your degree sooner. Call for an information sheet and application.

Available to: Appropriate applicants with 9 to 75 hours of college credit, a 2.5 overall grade point average.

Fees: Current tuition rates for EXCL 301, an evaluation fee, and a posting of credit fee.

Information:
Jacqueline E. Johnson
Excel through Experiential Learning
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7395

Free University. An organization of volunteer teachers offering subjects they enjoy sharing, the Free University is non-credit, non-profit, and aimed at providing general interest courses to supplement and enrich people's lives. Classes are offered evenings on the UMCP campus under the auspices of the Student Government Association and generally last from four to twelve weeks. Sample offerings: Creative Writing, Investing, Organizing Your Life, Gourmet Cooking, and Chinese Language. Twenty to thirty courses to choose from each fall or spring.

Available to: Anyone

Fees: General public, $10; students, $5.

Publications: Catalog of courses offered is available each October and February in various locations on UMCP campus, as well as in nearby shops and libraries. Write us to volunteer teach, or to get class information.

Information:
John Ernst, Director
The Free University
P.O. Box 451
Beltsville, MD 20705
(301) 937-8259

Frontiers in Research. A series of UMES seminars given to showcase faculty research interests and achievements. Usually about twelve presentations given between October and May over the noon hour in the Student Development Center. Open to the public. For more information, call the Chancellor's office, 651-2200.

General Honors Program. The distinguished UMCP Honors Program offers after school and weekend enrichment programs for academically talented students in grades 7-12. Individual programs can be designed in collaboration with one school or a group of schools. Occasional Saturday seminar programs, like "Thinktank" for creative problem solving by grades 7-9. Honors personnel also consult to other Honors Programs and interdisciplinary projects. Tutors are available by request to the Tutoring Committee Chair in the General Honors Program. Dr. John L. Howarth, Director.

Available to: Academically talented students, school teachers and administrators.

Fees: Seminars: as appropriate.
Consultation: FREE.
Tutoring: negotiable.

Information:
Joan Rosenberg, Program Assistant
General Honors Program
0110 Hornbake Library
UMCP
College Park, MD 20742
(301) 454-3247

Graduate and Continuing Education. The Continuing Education program at UMES will custom-design non-credit courses of study at the request of outside agencies and groups. People who want a degree but have other commitments should know about UMES's Weekend University, through which courses are available on Friday evenings and Saturdays.

Available to: Anyone

Fees: Depend on length of course, materials, etc.

Information:
Dr. Edward V. Ellis
Vice Chancellor for Academic Affairs
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 507

Graduate Reading Center. The Center, located on the campus of Towson State University, provides a wide range of reading services. Both children and adults may be evaluated for problems related to reading comprehension, word recognition skills, vocabulary meaning, and reading fluency. A 15-week, 45-hour tutorial program addresses the needs of both children and adults. Each participant is evaluated, and a program designed specifically for him or her is implemented. The Center conducts several parent workshops each year to teach parents how to address their children's basic reading needs. Classroom teachers are also invited to attend reading workshops throughout the school year.

Available to: Elementary school pupils performing one or more years above their academic grade levels. Preschoolers must: read, exhibit wide vocabulary, understand math concepts.

Fees: Spring Program (1989): $125; Summer Program (1989): $200.

Information:
Irene W. Hanson, Director
College of Education
Towson State University
Towson, MD 21204-7097
(301) 321-2554

Graduate Studies and Extended Education, The Frostburg State University Office of. Offers the community courses ranging in subject matter from enhancement and updating of skills to studying for interest or pleasure. Courses are not for credit. Sample titles: "A Career in Politics," "Creative Photography," "Exploring Spain and Latin America," "A Painless Introduction to Computers," "How to 'Sell' Your Organization."

Honors College. A proposed UMBC program of education for academically gifted students, Spring 1988. Call the hotline for update, 454-3000.

Informal Courses. Non-credit courses covering a wide range of subjects are scheduled each semester at Towson State University's main campus and at Towson State University at Columbia. Courses are designed for personal enjoyment, enrichment, or professional development and are planned for individuals who wish to pursue unique interests but who do not seek college credit. Floriculture, personal computer software applications, women's studies, financial planning and investing, Tae Kwon Do, CPR, and photography are among the diverse topics which have been covered.

Available to: Anyone

Fees: Depend on type of class.

Information:
College of Continuing Studies
Towson State University
Towson, MD 21204-7097
(301) 321-3532

Institute for Gifted and Talented Children. The Institute offers a five-Saturday spring program and a two-week summer program at Towson State University for gifted and talented children age four through 12. Participants in second through sixth grades choose two courses from among mathematics, science, art, beginning Spanish, and literature (which includes dramatics and writing). Programs for younger children include children's literature, science, mathematics, music, and creative dramatics. Classes are taught by experienced teachers and Dr. Irene Hanson, professor of education and program director.

Available to: Elementary school pupils performing one or more years above their grade levels academically. Preschoolers must: read, exhibit wide vocabulary, understand math concepts.

Fees: Spring Program (1989), $125; Summer Program (1989), $200.

Information:
Irene W. Hanson
Director
College of Education
Towson State University
Towson, MD 21204-7097
(301) 321-2554

Instructional Television System. Sophisticated courses in engineering, computer science, business and more are televised closed-circuit from UMCP to corporate sites. See index.

International University Consortium. Think of the Consortium as telecommunications in learning. Specifically, it is the first national network of colleges and universities linked with local television stations or cable systems to offer bachelor's degree programs for adult students. Founded in 1980 by the University of Maryland University College and the Maryland Center for Public Broadcasting, the Consortium today includes 19 colleges and universities across the U.S. A typical Consortium course provides a course guide that leads the student through required reading and simulates a conversation lecture with him her, assigns outside reading, and lists the course's customized television programs. (Most courses include eight half-hour programs broadcast bi-weekly by the participating local station.) Faculty tutors are provided and degrees granted by the individual member schools. Since learning is largely through independent study, the Consortium welcomes students who are disciplined and highly motivated. Dr. Gary Miller, Executive Director.

Available to: Adults re-entering a college degree program, working adults, or eligible high school graduates.

Fees: Set by individual members.

Information:
International University Consortium
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7811
Campus: (301) 985-7164

Inter-session Courses. Through the Office of Graduate Studies and Extended Education, Frostburg State University offers several courses during the winter break from January 4-January 20. Courses are offered in a variety of disciplines and often include a trip across the country or abroad. The courses may be taken for credit or non-credit.

Available to: Anyone interested in taking the course whether they are a FSU student or not.

Fees: Vary depending on the course.

Information:
Office of Graduate Studies and Extended Education
Frostburg State University
Frostburg, MD 21532
(301) 689-4231

LEAD Program. A month long mini-MBA program at UMCP for 11th grade minority students to encourage them toward business careers. See index.

Learning Assistance Service. A positive solution presents itself to the student who protests, "but nobody ever taught me how to study." Academic skills in the following areas are developed or honed at UMCP's Learning Assistance Service: reading comprehension, reading speed, listening, note-taking, examination skills, spelling, vocabulary, learning mathematics, time management, general study and academic coping skills, and writing skills. Adult learners are welcome. Every fall, spring, and summer the Service offers to high school students the College Bound Program, an extensive preparation for future college work. (See separate entry above.) LAS also offers an English conversation group for foreign students.

Available to: Anyone

Fees: LAS course FREE to University of Maryland students, staff, faculty. All others, $175 per semester. Hours: M, 8:30am to 7pm; Tu-F, 8:30am to 4:30pm; Summer and academic breaks, M-F, 8:30am to 4:30pm.

Publications: Brochure explaining program, on request.

Information:
Dr. John E. Van Brunt, Director
Learning Assistance Service
Counseling Center
Shoemaker Building
UMCP
College Park, MD 20742
(301) 454-2935

Learning Resources Center. The essence of what the LRC provides to UMBC students-coaching in reading and study skills, general tutoring, ways of dealing with math anxiety-is offered off-campus in various ways. Speakers to Maryland schools, workshops to teach parents how to help their children with basic reading skills, seminars for returning women-all are available. Tutors for other than UMBC students may be arranged for a fee.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Mary Leach, Director
Learning Resources Center
AC 461
UMBC
Baltimore, MD 21228
(301) 455-2447

Maryland College of the Air. Take a college course by television through Maryland College of the Air, a cooperative venture of the Maryland Center for Public Broadcasting and 22 colleges across the state. Two of those 22 are UMUC's Open University and UMES in Princess Anne. Begin by registering at one of the participating colleges. Then purchase the texts and study guides and watch the course on your public television station (TV 22 - 28 - 31 - 36 - 62 - 67). You will be assigned an instructor who will contact you by mail. There are voluntary on-campus seminars with your instructor, and you must return to campus for mid-term and final exams. (Even if you don't need the credit, you can treat yourself to some fascinating new knowledge just by turning on your TV. The study guide for any course may be purchased for a nominal sum from: College of the Air,

Maryland Center for Public Broadcasting, Bonita Avenue, Owings Mills, Maryland 21117.) Maryland College of the Air differs from the International University Consortium (see index) in that it does not grant degrees. Credit, however, is transferable.

Available to: Anyone

Fees: Per credit hour plus matriculation.

Information:
Darcy Eischens
Open University
UMUC
(301) 985-7036
Dr. William Pinder
UMES
(301) 651-2200, ext. 205

"Maryland Images." Prospective UMCP students get VIP treatment through this volunteer program. See index.

Maryland Summer Center for Gifted and Talented Students. Junior and senior high students work with academic staff of UMCP for two enriching weeks of study in areas of University excellence. Through three separate programs—The Maryland Summer Center for Internships, The Center for Space Science Technology, and The Center for International Studies—selected students live on the College Park campus and study in sites such as nearby NASA Goddard.

Available to: Junior and senior high students with maintained grade point average and recommendation from teachers and guidance counselors. Application through local public schools each January.

Fees: $325 per student.

Information:
Program: Dr. Antoinette Favazza Wiegand
Chief for Learning Improvement
Maryland State Department of Education
(301) 333-1910 in Baltimore
Campus site: Sue Warren
Campus Guest Services
(301) 454-8723

Maryland Writing Project. The Maryland Writing Project, a site of the National Writing Project, is housed on the Towson State University campus. The Project offers several services, including: *Summer Teacher Institute*, a six-credit graduate class lasting five weeks, in which teachers from across the state explore writing and ways to improve their own instruction through writing; *Summer Student Writing Workshop*, a three-week morning workshop for children grades 2-12 who are motivated to write and share their writing with others; *Parent Education*, a series of parent programs on writing is offered in conjunction with the summer student writing workshop; *Technical Writing Institute*; a writing multi-session seminar for persons in business and industry; *Research Institute*, an ongoing institute that trains teachers of writing to investigate the writing process; *School Inservice*, provides inservice education for one, two, or three inservice credits, coordinated and presented by teacher consultants for classroom teachers and administrators.

Available to: Maryland teachers, school administrators, children and parents interested in exploring writing.

Fees: May vary with type of program.

Information:
Maryland Writing Project
Hawkins Hall 301
Towson State University
Towson, MD 21204-7097
(301) 321-3593

Math Center. Rusty math skills? The Math Center at the UMUC Center of Adult Education offers current and prospective students help in building math confidence and in polishing old skills. Diagnostic testing and both individual and group assistance are available. As a public service, the Math Center offers several FREE workshops each semester on topics such as overcoming math avoidance, study skills, and diagnostic testing. Math tutoring is available at all times (a fee may be charged to non-students).

Available to: Anyone

Fees: FREE

Hours: T and W evenings, 5pm to 7pm.

Information:
or Nanette Mack
Math Center
0300B Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7286

"Mindflights", Free University, UMBC. This program is sponsored by the Recreation Committee of the University Center Program Board and is open to all who want the opportunity to learn new skills and experience various recreational activities. Instructors are professionals and non-professionals who have demonstrated an interest and talent in their subject area, and in sharing it with others. Courses are offered on a non-credit, minimum cost basis. Advance registration is required.

Available to: Students, faculty, staff, alumni and community.

Fees: Depend on course and materials.

Publications: Courses brochure

Information:
University Center Program Board
210 University Center
UMBC
Baltimore, MD 21228
(301) 455-3462

Mini-Courses. Mini-courses at UMCP are short, not formal, and not for credit. Please partake for pure pleasure: recreational, creative, cultural or educational. Some sample subjects: blues and folk guitar, sign language, country dance, aerobics, yoga, auto repair, home computer programming, bartending, and more.

Available to: Anyone

Fees: Vary for students, faculty/staff alumni, and general; range approximately from $17 to $30 per course.

Information:
Adele H. Stamp Student Union
Program Department, Room 0219
UMCP
College Park, MD 20742
(301) 454-4987

Minority Scholarship and Leadership Guild. A consortium of UMAB leaders and black community leaders who act as a financial resource and support mechanism for black students enrolled in UMAB professional schools. Call the hotline, 454-3000.

Minority Student Education, Office of. Potential employers of UMCP minority students for permanent positions, summer jobs or internships may turn to this proven resource at UMCP for helping minority students achieve their academic and career goals. The Office also helps by hiring upper level and graduate students to assist undergraduates from other ethnic and cultural backgrounds, by holding a Minority Job Fair every February for potential employers, by serving as a clearinghouse for information about other UM support services, and by offering career development workshops and leadership forums.

Available to: As above.

Fees: FREE

Information:
Dr. Franklin D. Westbrook
Office of Minority Student Education
1101 Hornbake Library
UMCP
College Park, MD 20742
(301) 454-4901

Motor Fleet Safety Programs. Workshops for drivers, managers of fleets of motor vehicles available through UMCP's Safety Education Center. See index.

National Student Exchange. Because the College Park campus is a member of this national consortium, UMCP students can actually live and study in another geographic location while attending classes at another member campus of their choice in the U.S., the Virgin Islands, or Puerto Rico, for a semester or a year. Call for full information about cost, eligibility, credit, financial aid and special rules.

Available to: Undergraduate students, member institutions.

Fees: Depend on institution.

Publications: Free NSE booklet, *Widening Educational Horizons.*

Information:
Dr. Mary Ellen Hrutka
National Student Exchange
ELP
1119 Hornbake Library
UMCP
College Park, MD 20742
(301) 454-4767

"Odyssey of the Mind." This national creative problem-solving program for kids K-12 is sponsored in Maryland by the UMCP Institute for the Study of Exceptional Children and Youth. Children compete on the school or organizational level and come to a UM campus in the Spring for the state finals. This mind-stretching program offers three age divisions. In 1987-88 600 teams competed in the World Finals at UMCP. Adults interested in being coaches or judges please call for training.

Available to: As above

Fees: National membership fee to school or organization, approximately $65.

Publications: *Odyssey of the Mind in Maryland* brochure.

Information:
Dr. Gil Austin, State Competition
Odyssey of the Mind
CERD
UMBC
Baltimore, MD 21228
(301) 455-3124

College Park Competition Dates:
Sue Warren
Campus Guest Services
(301) 454-8723

Office of ContinuingEducation and Summer and Winter Programs. Want some more college, but not on a full-time basis? Consider one or more of the opportunities offered through the Office of Summer and Winter Programs at UMBC: *Winter Session* - a 3 week mini-semester in January with a selection of credit and non-credit courses which may include travel courses, skills courses and intern programs. Classes are held morning, afternoon, and evening. *Summer Session* - 5, 6, and 8 week courses, with a choice of over 150 classroom courses, as well as travel courses, field experience, internships, workshops, and institutes. Classes are held morning, afternoon, and evening beginning early June. Travel courses-sponsored by various academic departments of UMBC and coordinated by this office are available in both Winter and Summer programs. For example, the Spanish faculty sponsors an annual course to Salamanca, Spain. Brochures describing travel courses may be requested months in advance. Fees vary depending on number of credits and length of travel.

Continuing Education - credit and non-credit programs that vary in length from a day to 15 weeks may include residential option and food services. Intensive learning is emphasized and programs are tailored to the needs of specific professions or groups. Specialized programs at off-campus sites can be developed by this office in cooperation with industry and government. Fees vary. Workshops this past year included "English as a Second Language", "Advanced Cardiac Life Support" courses for the medical community, and computer workshops. Programs are also available for children of all ages and include a gifted and talented program in science and technology for high school students, computer campus for middle school students and dance classes for children of all ages.

Available to: Admission to UMBC as a regular or special student is necessary for credit courses. Call for further information. Admission to workshops and institutes varies depending on program.

Fees: Per credit hour or as listed.

Information:
Wanda J. Bair, Director
Office of Summer and Winter Programs
226 Administration Building
UMBC
Baltimore, MD 21228
(301) 455-2335

Office of Continuing Education, UMBC. The source for non-credit programs at our Catonsville campus. Find short courses for the general community, adaptable training programs for business and industry, and professional development. Sample training topics: computer software, writing skills, engineering.

Available to: As above.

Fees: Depend on service.

Information:
Mary Lynn Hebler
Associate Director
Office of Continuing Education
UMBC
Baltimore, MD 21228
(301) 455-2335

Open University. High school graduates who want a college degree but need courses with a flexible format should inquire about UMUC's Open University which is based on the well-known British Open University. Here's how it works at UMUC: classes are seminar discussions. Attendance is optional except for the introductory session and exams. Open University courses are interdisciplinary. They are generally offered in large blocks of credit, accommodating the schedule of busy adults. These are high quality courses for motivated, independent learners. Classes are held at the College Park Campus and at many off-campus centers. Courses are offered in technology and management, behavioral and social sciences, humanities, fire science, and others.

Some courses have audio or video components, a small number are television-based. For television-based courses see the index for Maryland College of the Air.

Available to: Eligible high school graduates.

Fees: $87 per credit hour (1987) plus a registration fee of $3 per course for both residents and non-residents. The application fee is $20.

Information:
Dr. Janet Phillips
Dr. William Wolff
Open University
UMUC
College Park, MD 20742
(301) 985-7036

Overseas Programs. UMUC brings degree programs to U. S. military and government-affiliated personnel and their families in 17 foreign countries through its European and Asian Divisions, an endeavor that affords the state of Maryland international recognition and prestige.

Available to: See above

Fees: Set annually by agreement with U.S. military commands.

Information:
Dr. Ralph E. Millis
Assistant to the Chancellor for
Overseas Programs
2103 Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7070

Returning Students Program. Just thinking about returning to school entitles you to the services of UMCP's Returning Students Program: an introductory interview, referral to all pertinent resources and counselors available on the campus, and FREE workshops with such titles as Time Management, Study Skills, and Multiple Roles, Assertiveness, Goal Setting and Career Exploration. Consider taking EDCP 108R for your first credit, Fall or Spring semester. It's designed especially to help you into the swim of academic life-setting goals, study techniques, and information about UMCP resources. Call one of the two "B.G.'s," as they're affectionately known, for an appointment. They're on the second floor of the Counseling Center in Shoemaker Building.

Available to: Anyone

Fees: FREE

Publications: *Second Wind*, FREE bi-annual newsletter, by request.

Information:
Barbara Goldberg or Beverly Greenfeig,
Co-coordinators
Returning Students Program
Counseling Center
UMCP
College Park, MD 20742
(301) 454-2935

Slawsky Physics Clinic. Coaching is offered free to anyone taking one of the seven basic physics courses at UMCP.

Available to: As above

Fees: FREE

Hours: M-F, 10am to 3pm.

Information:
Dr. Milton M. Slawsky or
Dr. Zaka I. Slawsky
1214 Physics Building
UMCP
College Park, MD 20742
(301) 454-5392

SPIN. Sponsored Program Information Network is a computerized data-base that lists information on a wide variety of funding opportunities for research projects, travel grants and other needs. Accessible through UMCP or UMBC. For SPIN information, call 454-4981 or 5439.

Summer Learning and residential campus camp opportunities for children, please see index.

Talent Search Program. Finds disadvantaged young people with the potential to go to college, and encourages them through campus tours, career and individual counseling, help with prep for college admission, audio-visual tutoring, information sharing, access to a career advisory network, cultural tours, and transportation to scheduled activities.

Available to: Economically disadvantaged, prospective first generation college students, ages 12-27.

Fees: FREE

Hours: Academic year: during school, after school, early evening hours.

Publications: Quarterly newsletter, FREE on request.

Information:
Shirley H. Morman
Director
Talent Search Program
0112 Chemistry Building
UMCP
College Park, MD 20742
(301) 454-1578

Technology Courses. Classes for public and professional groups in such areas as automotive engine diagnostics, robotics, microcomputer applications, and construction design are given by industrial education units at UMCP and UMES. See index.

Television Courses: Towson State University, in association with the Maryland Center for Public Broadcasting, offers courses through the College of the Air. An average of six regular three-credit courses are offered each semester. Instruction is given in 30 television programs broadcast usually twice a week for 15 consecutive weeks on the public television stations. There are four required class meetings on campus. Available television courses are published each semester in the University's schedule booklet.

Available to: Anyone for viewing. For credit, only students admitted to TSU.

Fees: Current fees are published in the schedule booklet each semester.

Information:
College of Continuing Studies
Towson State University
Towson, MD 21204-7097
(301) 321-2652

Thinktank. A series of Saturday seminars for gifted students in grades seven, eight and nine, hosted by UMCP's General Honors Program. Participants will learn logic and reasoning techniques and take part in group and individual problem-solving activities.

Available to: Junior high students selected by test score, interest and teacher recommendation.

Fees: $90 for six Saturday morning sessions.

Information:
Joan Rosenberg
Thinktank Coordinator
General Honors Program
Hornbake Library
UMCP
College Park, MD
(301) 454-3427

The Interactive Encyclopedia System (TIES). A demonstration project showing use of computerized encyclopedia, developed by UMCP's Department of Computer Science and College of Library and Information Science in 1985. For an update, please call the hotline, 454-3000.

Tutorial Programs (SSSS). Offers an excellent free tutoring service to UMCP campus freshman and sophomores. Tutoring is offered for over 100 courses. Other back-up services: academic advising, study skills assistance, and career and personal counseling. Ask about the six-week Summer Transitional Program to assist entering freshmen with financial aid paperwork, housing and dining services choices. Tutorial Programs welcomes academically qualified graduate students and upper-class undergraduates as paid tutors.

Available to: As above

Fees: FREE

Publications: Tutoring service brochure on request.

Information:
Dr. Tilahun Beyene
Tutorial Coordinator
0112 Chemistry Building
UMCP
College Park, MD 20742
(301) 454-5648

Tutors. Tutors are available on all undergraduate campuses of the University of Maryland System to students and usually to interested citizens by special arrangement. Here's where to look:

UMCP:

Center for Mathematics Education	454-7443
Counseling Center	454-2931
General Honors Program	454-2532
Learning Assistance Service	454-2935
Science Teaching Center	454-2024
Slawsky Physics Clinic	454-5392
Special Education Students	454-2118

Star Center, Stamp Student Union (closed summers)	454-4948
Tutorial Programs (SSS)	454-5648
Upward Bound	454-2116
Writing Center	454-4011

(Complete list of UMCP tutoring resources available from the Learning Assistance Service, 454-2935.)

UMBC:

Learning Resources Center	455-2444

UMES:

Basic Skills Center	651-9591
Upward Bound	651-1309

UMUC:

Math Center	985-7286
Writing Center	985-7276

Other UM System Campuses:
University Relations Office, see index.

UM Around the State. Undergraduate and post-grad offerings are available at a variety of non-UM sites around Maryland. An extensive schedule at UM's Shady Grove Academic Center campus in Montgomery County offers numerous live business and technical courses as well as engineering classes via instructional TV. UMBC began offering courses in fall 1987 at Harford County Community College, and UMUC continues to have many such convenient on-site locations. For UMUC information, call Statewide Programs Office at (301) 985-7022. For other UM System off-campus sites, call the hotline, 454-3000.

Upward Bound Program. A pre-college boost to underachieving high schoolers. See index.

Weekend Programs. UMUC conducts college classes on Fridays, Saturdays and Sundays in the Center of Adult Education through four flexible plans. Call 985-7000 for information.

Western Maryland Writers Workshop. A one week workshop conducted annually during the summer at Frostburg State University. The workshop consists of daily, intensive sessions in which participants read and discuss their own work. It is designed for anyone interested in poetry, is aimed at fostering artistic development of individual writers, supports a writing community and develops audiences for poetry. It is sponsored by the FSU Office of Graduate Studies and Extended Education.

Available to: Anyone interested in poetry.

Fees: Tuition $180; Room and board if desired $110.

Information:
Dr. Barbara Wilson
English Department
Frostburg State University
Frostburg, MD 21532
(301) 689-4238

Writing Center, UMCP. Expert help with English composition available—from getting started to organizing to revising. Or ask for help with grammar and usage by telephone.

Available to: Anyone; priority to UMCP students.

Fees: FREE

Hours: M-T, 9am to 4pm; F, 9am to 2pm. Appointments scheduled on the hour.

Information:
Leigh Ryan, Director
Writing Center
1126 Taliaferro Hall
UMCP
College Park, MD 20742
(301) 454-4011

Writing Center, UMUC. ches all aspects of college writing, including grammar, composition, and revision. Special workshops on business writing, essay exams, and research papers are scheduled periodically. Tutoring is available to any UMUC or Open University student, faculty or staff member.

Available to: As above

Fees: FREE

Hours: M and Th, 6pm to 8pm; Sat, 10am to noon.

Information:
Georgiana McDonald, Coordinator
Academic Support Center
0300B Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7276 during Center hours
454-5802 at other times.

For more information or liaison, let us help.
Call the public service hotline...

(301) 454-3000

BEST COPY AVAILABLE

CHAPTER FIVE

CULTURAL OPTIONS

ART AND CRAFT

Art Education, Department of. Ceramic workshops are offered to the community by this academic unit of UMES in historic Princess Anne. Art workshops are given for children through 4-H, and lectures on career opportunities in the arts are held at local high schools.

Available to: Community schools and organizations.

Fees: Usually FREE, on a time available basis.

Information:
Dr. Ernest R. Satchell, Chair
Art Education
Box 1022
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 601

Art Gallery at the University of Maryland. Accredited by the American Association of Museums, this is UMCP's main exhibition area for art of all media. The Art Gallery hangs six changing exhibitions during the academic year and houses a permanent collection of twentieth-century American painting, WPA mural studies, contemporary prints and tribal African sculpture. Visitors to campus will find The Art Gallery in the Art-Sociology Building, an easy walk from the parking garage across from the Adele H. Stamp Student Union. Group tours of some exhibitions are scheduled by appointment. Exhibitions in 1988-89 feature Japanese scenic art, 19th century American landscape painting, and American tapestry weaving. Gwendolyn Owens, Director.

Available to: Anyone

Fees: FREE

Hours: M-F, 10am to 4pm; W, 10am to 9pm; Sat and Sun, 1pm to 5pm.

Publications: Catalogues accompany most exhibitions.

Information:
Cynthia Wayne, Assistant to the Director
The Art Gallery
Art-Sociology Building
UMCP
College Park, MD 20742
(301) 454-2763

Art Gallery, Parents Association. Open seven days a week, the Parents Association Gallery exhibits local, national and international art. Every month a new exhibition begins with an open house reception to which the public is invited. The gallery also holds an annual undergraduate painting competition for UMCP students, with a $500 purchase prize. The gallery is located in the Adele H. Stamp Student Union just off the Main Lobby, and is under the sponsorship of the Parents Association of UMCP.

Available to: Anyone

Fees: FREE

Hours: Same as Adele H. Stamp Student Union.

Information:
Michelle Moure
0232 Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-4754

Art Library, UMCP. See index.

Arts Project at University College. When you visit University College's handsome Center of Adult Education building, take time to enjoy its three permanent art collections:

The Maryland Artists Collection. Over 110 works by Maryland artists of national and international renown may be viewed in the lobby, concourse, and East Hall of UMUC's Center of Adult Education. The vitality and range of those Marylanders actively engaged in the arts is evident in this group of paintings, sculptures and prints.

The International Collection. Reflecting University College's extensive links with Asian nations, this collections includes a group of modern Japanese woodblock prints, antique Japanese screens, German engravings, and a Thai spirit house.

The Herman Maril Retrospective Exhibition. Demonstrates in 32 works Maril's range of achievement from the 1920's through 1986. (The Maril collection is available for public viewing by appointment; please call 985-7472 or inquire at the front desk.)

Available to: Anyone

Fees: FREE

Information:
Lissa Brown
Director of University Relations
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7077

Craft Center. Here's a place to be creative. The open studio and work space of the Craft Center is on the ground floor of the Stamp Student Union near Hoff Theater. You'll have the use of tools and equipment for woodworking, photography, ceramics, jewelry, stained glass, weaving and many other crafts. Staff will sell or help you locate hard-to-find supplies, and resident artists will show you "how to". Four key activities: 1) Craft Classes: non-credit, usually six-weeks long, inexpensive. Tools are provided, materials are extra. Sample classes: designing and building furniture; printing b/w or color photographs; textiles such as weaving, quilting, silkpainting and knitting; jewelry; ceramics, including wheel throwing and glazing. Children's classes for all ages are offered on Saturdays. 2) Craft Fairs: Three free annual craft fairs are open to all, a Fall and a Spring Fair held on the Hornbake Mall, and a Holiday Craft Fair featuring unique gift ideas held in the Grand Ballroom of the Stamp Student Union in December. 3) Visiting Artisans: Artisans are scheduled to sell their crafts during three weeks each semester. Art prints, dried flowers, kimono, jewelry, baskets, etc. are available throughout the year. 4) Craft Supply Center: the things you need for photography, ceramics, jewelry, woodworking, silkscreen and other media are stocked to sell. Reasonable prices, with additional discount to members.

Available to: Anyone

Fees: $30 general membership; $25 alumni, faculty and staff; $20 UMCP student fee per semester (or per hour facilities fee).

Hours: M-Th, 11am to 9pm; F, Sat, 11am to 4pm.

Information:
Michelle Moure
Craft Center
0232 Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-4754

Gallery, Albin O. Kuhn Library and. Straight ahead as you enter the UMBC library, which was named for its first chancellor Albin O. Kuhn, is the Gallery. Art and artifacts from all over the world are exhibited, including famous photography, sculpture, portraits and more. Dr. Billy R. Wilkinson, Director.

Available to: Anyone

Fees: FREE

Hours: M-Th, 8am to 11pm; F, 8am to 6pm; Sat, noon to 6pm; Sun, 1pm to 9pm. (Hours may vary during summer and when school is not in session.)

Information:
William Dunlop
Coordinator of Exhibitions
Albin O. Kuhn Library and Gallery
UMBC
Baltimore, MD 21228
(301) 455-2270

Mosely Gallery of Art. While visiting at UMES, drop in at the new Arts and Technologies Center Building and browse through the current show at the Mosely Gallery of Art. Works on loan from the Baltimore Art Museum as well as student and faculty artworks are on changing display.

Available to: Anyone

Fees: FREE admission

Hours: 10am to 4pm daily.

Information:
Dr. Ernest R. Satchell, Chair
Mosely Gallery of Art
Box 1022
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 601

ENTERTAINMENT

Adele H. Stamp Student Union Program Department. The programs that make the UMCP Adele H. Stamp Student Union the center for campus social life are the responsibility of the trained professional staff and student volunteers of Adele H. Stamp Student Union Programs. The variety includes non-stop choices such as films for the Hoff Theater, Glass Onion Concerts, and interesting subjects for mini-courses, as well as once-a-year specials like the Terrapin Trot footrace or the Holiday Craft Fair. See list of brochures available below.

Available to: Student, staff, faculty and community.

Fees: Depend on service.

Publications: Brochures and schedules for Mini Courses, Hoff Theater, Outhaus, Craft Center, Terrapin Trot, Audubon Wildlife Films, Wanderlust series, leadership opportunities, performing arts, visual arts, issues and answers, and leisure activities.

Information:
Gretchen Van der Veer
Assistant Director, Programs
0219 Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-4987

Adele H. Stamp Student Union. Capping the hill on Campus Drive, UMCP's Adele H. Stamp Student Union is a teeming center for personal services, programs, mini-courses, and entertainment. Operating within the Union on a year-round basis are the Information Desk, the Ticket Office, the Record Coop, the Hoff Theater, the University Book Center, and the Parents Association Gallery. Also available are a self-service post office, a candy and tobacco shop, a full service bank, a cafeteria and several fast food restaurants, a bowling alley, a flower shop, a billiards parlor and a games room. In addition, there are 14 meeting rooms and two ballrooms available for meetings, conferences and receptions. Rooms include conference tables and chairs, projectors and screens. Catering facilities are available for a nominal fee. There are photo copy machines in the lobby and coin operated lockers throughout the building. Special laboratory facilities in the Craft Center of the Adele H. Stamp Student Union are: 1) photo lab with dark room, drying and mounting area; the Craft Center can supply chemicals, tanks, easels, etc.; 2) ceramics lab has six potter's wheels, two Parragon kilns, and a work area for glazing; 3) textiles lab nurtures such crafts as silkscreen, batik, dyeing and weaving; 4) jewelry studio with casting unit, polishing wheels, enameling kilns, and tools for metalsmithing; and 5) wood shop with table saw, band saw, drill press, small lath, and jig saw. Worktables, drafting table, paper cutter, and other small tools available. Metered parking is close by in the parking garage on the west side of the Adele H. Stamp Student Union. Dr. James Osteen, Director.

Available to: Students, staff, faculty, alumni, guests and friends of the University.

Fees: Depend on service.

Information:
Marilyn Manning, Asst. to the Director
2104 Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-2807

Arts at Maryland, The. Dance. Music. Art. Theatre. The Arts at Maryland acts as a clearinghouse of information about performances and exhibits of all kinds at UMCP. The Arts at Maryland also sponsors both professional and student performing groups which offer attractive, high quality seasons. For an overall picture of fine arts events at the College Park campus, ask to be put on the mailing list. To receive up-to-date calendars of cultural events through the year, including those featuring the Guarneri String Quartet, Maryland Dance Theater, UM Chorus and others. Remember that some of the arts groups and performers will accept invitations to perform or lecture/demonstrate, and in certain cases will consult on a limited basis. Dr. Charles Rutherford, Assistant Dean.

Available to: Anyone

Fees: Variable. Tickets to events generally in $6 to $12 range. Group rates and season subscriptions available.

Publications: Calendars of cultural events, on request.

Information:
Marsha Guenzler
Arts and Humanities
Francis Scott Key Hall
UMCP
College Park, MD 20742
(301) 454-6794

Arts on the Road. The best of UMCP's graduate and undergraduate performers from the departments of music, dance and theatre are yours through this program. Ranging from University Theatre productions to individual singers, musicians or dancers, Arts on the Road offers organizations such as schools, corporations or communities high quality entertainment in return for a small donation. Arts on the Road provides publicity

materials which include photographs and program copy. You provide only the audience and the space. Since the entertainment is available at a nominal cost to you, you may structure these performances as fundraising events for your non-profit organization.

Available to: As above

Fees: Negotiable

Information:
Anne Marie Aylward, Coordinator
Arts on the Road
Division of Arts and Humanities
UMCP
College Park, MD 20742
(301) 454-6797

Atrium Showcase. Wednesday noontime entertainment at UMCP. Come to the Atrium of the Adele H. Stamp Student Union for Atrium Showcase free entertainment—opera, wind ensembles, jazz, folk music, gospel and more. Bring a friend, bring your lunch and enjoy.

Available to: Anyone

Fees: FREE

Information:
Adele H. Stamp Student Union Programs
UMCP
College Park, MD 20742
(301) 454-4987

Audubon Wildlife Films. Nature lovers, this unique series of five entertaining evenings spaced over a year brings you field experts/filmmakers who accompany their films and narrate for the evening. Sample fare: "African Adventures," "Hidden Cypress Swamp."

Available to: Anyone

Fees: Subscription and individual show tickets available.

Times: Monday evenings in Adele H. Stamp Student Union Hoff Theater.

Information:
Adele H. Stamp Student Union Ticket Office
Attn: Audubon
UMCP
College Park, MD 20742
(301) 454-2803

Campus Activities. Almost everything extra-curricular that goes on campus-wide at UMCP (outside the Stamp Student Union) is cleared through the Campus Activities Office. Concerts, films, lectures, exhibits, special interest club meetings and much more appear on the calendar in this busy office. Keep this number handy for information about cultural, social and educational events.

Available to: Anyone

Fees: Mostly FREE

Publications: *Program Planning Guide; Pathfinder,* directory of student organizations; *One Minute Newsletter,* bi-weekly information for student organizations.

Information:
Dr. Michael J. Cuyjet, Director
Campus Activities
1191 Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-5605

Campus Activities, UMBC. All extracurricular activities and events are cleared through the Campus Activities Office. Monthly calendars are prepared for concerts, films, lectures, exhibits, special interest club meetings and much more.

Available to: Anyone

Fees: FREE

Publications: Calendar of Events; Dial-An-Event (455 3100).

Information:
Ramona Arthur, Program Director
Barbara Quinn, Manager
Scheduling and Information Services
Suite 213, University Center
UMBC
Baltimore, MD 21228
(301) 455-3454

Campus Activities, UM System. For cultural and other extracurricular activities and events at UM System member institutions not listed here, please contact University Relations at the campus of choice (see index).

Consortium of Washington Universities. Good times that are free—or the next thing to it—are yours in abundance at the numerous universities and colleges in and around the city. The University of Maryland College Park is a member. For a bimonthly calendar listing music, film, lecture, and art exhibit opportunities, call 454-5335.

Ella Fitzgerald Center for the Performing Arts. UMES entertainment center features glamorous 1200-seat auditorium. See index.

Encounter Series. Spend a noon hour with an internationally prominent figure, courtesy of the College of Arts and Humanities at the UMCP campus. Past programs have featured prize-winning critic and author Eric Bentley; David Allan Brown, curator of Early Italian Paintings at the National Gallery of Art; and the internationally acclaimed Guarneri String Quartet. Three or four Encounters are held periodically each semester. Please call for a schedule.

Available to: Anyone

Fees: FREE

Information:
Office of the Dean
College of Arts and Humanities
Francis Scott Key Hall
UMCP
College Park, MD 20742
(301) 454-6797

Game Room, UMBC. Indoor games and recreation opportunities abound at the University Center. Open play, leagues and tournaments are provided on a regular basis throughout the year, including billiards, table tennis, darts, table soccer, backgammon and chess. The Game Room is also available for rental at certain times for private parties.

Available to: Students, faculty, staff, alumni and community.

Fees: Depend on service.

Information:
Michael Ellington
Assistant Director/Operations
213-A University Center
UMBC
Baltimore, MD 21228
(301) 455-3460

Gymkana Troupe. Traveling acrobats. See index.

Hoff Theater. Open for movie-goers six nights a week (dark Mondays), Hoff Theater at UMCP often has three films per week from which to choose. Movies range from popular current features to avant-garde foreign films and documentaries. Hoff seats 750 in cushiony seats, is equipped with Dolby sound and a large screen and is specially wired for persons with hearing aids. Night owls will enjoy Hoff's midnight shows. Metered parking in the parking garage on the west side of the Adele H. Stamp Student Union.

Available to: Students, staff, faculty and community.

Fees: General admission $2.50; $1.75 to UMCP students, senior citizens, children under 13, and dues-paying alumni with ID card.

Showtimes: T-Sun, 7pm and 9:30 pm; F and Sat, Midnight (separate admission).

Publications: Printed movie schedule available upon request.

Information:
Movie Line Info (301) 454-2594 or consult *The Washington Post* Movie Directory.
Assistant Director, Programs
0219 Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-4987

Hotel and Restaurant Management, Department of. Become a food and wine savant with a little help from this UMES academic unit. Adults are invited to International Wine Seminars and Tastings and Gourmet Cooking Classes presented at times convenient for you. Consulting is available to all Maryland restaurant operations, and a demonstration site is open for observation as well as a hospitality resource center and a quantity cooking lab.

Available to: As above

Fees: Classes, $10 to $45; consulting depends on service.

Hours: Classes: evenings; Sat am; and Th afternoons.

Information:
Dr. Richard Gormley, Chair
Department of Hotel and Restaurant Management
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 698

Humanities Center. Speakers, programs and other humanities initiatives are coordinated by this new UMBC center. Inaugural colloquium in Fall 1985 on "Action, Passion, and the Humanities."

Available to: Anyone

Fees: FREE

Information:
Dr. Elizabeth Ermarth, Director
Humanities Center
Office of Graduate Studies
UMBC
Baltimore, MD 21228
(301) 455-2384

Nyumburu Cultural Center. UMCP's black cultural center hosts symposia, workshops and readings by visiting artists and scholars in art, drama, music, dance and creative writing and literature. If you're a fan of Blues, Jazz and Gospel music, Nyumburu gives both concerts and classes. The Annual Miss Black Unity Pageant has become a popular event on the campus social and cultural scene. The New Nyumburu Dancers made their debut in Fall 1985. The Black Drama Workshop is offered as a three credit course. "Opinion," an exciting new student-hosted talk show deals with issues on and off the campus. Nyumburu, which means "house of freedom" in Swahili, encourages everyone to attend its events. They are always free and open to the public. Nyumburu's vibrant Gospel Choir is available for performances on campus and elsewhere. J. Otis Williams, Director.

Available to: Anyone

Fees: FREE

Publications: Monthly calendar of events, *Black Explosion* newspaper.

Information:
Anne Carswell
Nyumburu Cultural Center
3125 South Dining Hall
UMCP
College Park, MD 20742
(301) 454-5774

Record Co-Op. The beat goes on at this full line record, tape and compact disc store in UMCP's Adele H. Stamp Student Union. Prices are conveniently low, with special rates available on all SONY equipment such as TV's, CD units, Walkmans, speakers and turntables. Check it out.

Available to: Anyone

Fees: Only for products.

Hours: M-Th, 9:30am to 9pm; Sat and Sun, noon to 5pm.

Information:
Andy F. Mrusko, Manager
Record Co-Op
Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-5855

SEE Productions. Formerly Student Entertainment Enterprises, has been bringing top entertainment for concerts, lectures, and cultural events to UMCP since 1971. Besides being members of the audiences, students who want to learn the how-to's of big-name entertainment are able to work on promotion and production of SEE shows.

Available to: Anyone

Fees: Ticket prices vary.

Information:
Program Advisor
1211J Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-4546

Speakers Bureau, TSU. This service provides the names of Towson State University faculty members or administrative staff who are available to speak (as their work schedules permit) to community organizations or classes. Some speakers may charge fees or request an honorarium. Some also provide consultation, seminars or training sessions, and costs for those may be arranged with the individual. The Office of University Relations will provide a short biographical sketch of a speaker, when requested in advance.

Available to: Community organizations or classes.

Fees: Many speakers do not assess fees. For those who do, fees and/or honoraria are negotiated on an individual basis.

Publications: Booklet listing names of TSU faculty members and their areas of expertise, available upon request.

Information:
Katherine Williams
Associate Director
Office of University Relations
Towson State University
Towson, MD 21204-7097
(301) 321-2230

Speakers Bureaus, UM System. Whether you have a subject in mind or would like to get ideas from a list of intriguing topics, check with the University Relations Office on your nearest campus. Dynamic faculty and staff have prepared talks on issues as varied as energy from nuclear fusion to physical fitness. Or they will tailor a talk to your special interests. The Bureaus can also recommend off-campus sources of speakers and will help plan programs. The UMCP Speakers Bureau will mail a brochure listing speakers and topics, on request.

Available to: Any organization

Fees: Some FREE, others negotiable.

Information:
Naomi Hpokins
Speakers Bureau
1114 Main Administration Building
UMCP
(301) 454-5777
or
UM System: For University Relations offices at UM System member institutions, please see index.

For subjects relating to the environment and illustrated lectures on the Chesapeake Bay, call Mr. Bob Miller:
CEES: (301) 228-8200.

Student Activities, UMES. To find out what's going on at UMES culturally, this is the office to contact. Student Activities coordinates campus functions, schedules use of the facilities, and directs the intramural program. This includes showing feature-length films, planning programs such as Black Heritage Month, and sponsoring mini-courses in macrame, string art, and more.

Available to: Anyone

Fees: Minimal, many FREE.

Publications: Weekly calendar of events, by request.

Information:
Robert L. Dowery, Director
Student Activities
P.O. Box 1070
UMES
Princess Anne, MD 21853
(301) 651-2200, ext 574

Student Development Center. Its full name being the Student Cultural, Recreation and Development Center, UMES's SDC is a multi-use facility similar to the Adele H. Stamp Student Union on the College Park campus. The beautiful structure features an indoor commons accented by two large live trees and provides food, recreation, exhibits, meeting rooms and entertainment. Facilities available to visitors are the bookstore, which sells textbooks, classroom supplies, cards, gifts, sporting gear, souvenirs and sundries; the vending machines which offer hot and cold drinks, candy, ice cream, soup, sandwiches, pastries and snacks; the campus post office (self-service); and a choice of 17 current periodicals for browsing.

Available to: Anyone

Fees: By item

Information:
Robert L. Dowery
Director of Student Activities
2229 Student Development Center
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 234

Ticket Office. At the Ticket Office in UMCP's Adele H. Stamp Student Union, reserve the best seat in the house for music (Constitution Hall, Lisner Auditorium), sporting events, and all events on Ticket Center. Also available are Baltimore's Civic Center and other harbor city events, B&O commuter train tickets, Metro flash passes...and of course all the current crowd-pleasers on the College Park campus.

Available to: Anyone

Fees: As advertised

Information:
UMCP
(301) 454-2803

Tudor Feast. Once a year, usually in November at UMCP or in December at UMBC, you can attend an authentic recreation of a rousing Renaissance dinner, complete with court jesters, minstrels and magicians, dancers, and succulent victuals. At UMCP, always held in the Tudor-transformed Grand Ballroom of the Stamp Student Union; at UMBC in the University Center ballroom.

Available to: Anyone

Fees: Price varies. At UMCP reserve tickets at Stamp Student Union ticket office, 454-2803.

Information:
Marsha Guenzler, Assistant to the Director
2104 Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-2807

or
Dr. Samuel Gordon
Department of Music
UMBC
Baltimore, MD 21228
(301) 455-2942

University Center, UMBC. Located at the heart of the UMBC campus, the University Center provides a focal point for all extra-curricular events and activities. Operating on a year-round basis, the Center offers comfortable and attractive lounges, meeting rooms, a grand ballroom, Service Desk, Graphics Workshop, University of Maryland Bookstore, and automated postal and banking facilities. A daytime cafeteria converts to a full pub, complete with table service, in the evening. The Recreation Center, which may be rented at times for private parties offers a billiards, ping pong, darts, video and table games. The Outdoor Center rents canoes, sailboats (with cartop carriers), tents and backpacks. Meeting and special occasion facilities include tables and chairs, video and film projectors and screens. Outstanding catering services are also available. George J. Preisinger, Director.

Available to: Students, faculty, staff, alumni, guests and friends of the University.

Fees: Depend on service.

Information:
Assistant Director
Special Events Services
Suite 206, University Center
UMBC
Baltimore, MD 21228
(301) 455-3454

University Center Program Office, UMBC. The programs and activities which make the University Center the hub of campus social life are produced by the Programs Office and University Center Program Board. Offerings include mini-concerts, exhibits, lectures and other forum programs, and such special events as Madrigal Festival, International Festival, Holiday Ball. The Office also produces "Mindflights", UMBC's free university, leisure-learning program.

Available to: Students, faculty, staff, alumni and community.

Fees: Depend on service.

Publications: Free university brochures, calendars of events.

Information:
Ramona Arthur, Program Director
Suite 213, University Center
UMBC
Baltimore, MD 21228
(301) 455-3454

Wanderlust Unlimited. Be a world traveler by film. See index.

HISTORY

African-American Cultural Center. The Center sponsors programs and activities which reflect the life styles, history and culture of peoples of African descent. It also seeks to stimulate scholarship at Towson State University in the areas of African-American, African-Caribbean, and African studies. The Center sponsors the Towson State University Gospel Choir, hosts lectures and discussion groups, provides information and referral, showcases amateur and professional artists, and sponsors the Visiting Lecturers Grant Program.

Available to: Anyone

Fees: FREE

Publications: The Center publishes a newsletter, *Ebony Notes*, every other month during the academic year.

Information:
Tony Torain, Director
African-American Cultural Center
Towson State University
Towson, MD 21204-7097
(301) 321-2641

American Studies Department. By its very nature, this UMBC academic unit offers the public a diverse sampling of cultural and educational events. 1) The annual Traditional Music Concert Series is 2 to 4 concerts of traditional music performed by one of America's diverse groups; 2) The Women's Studies Speakers Series

presents programs on issues affecting contemporary women 2 to 4 times a year; 3) The Community Studies Project produces an annual exhibit on the history of a Baltimore-area neighborhood; 4) TV and Children, a presentation for parents teachers on the effect of television on children, available upon request.

Available to: Anyone

Fees: Usually FREE

Publications: *American Studies Newsletter*, four times per academic year.

Information:
Dr. Edward Orser, Chair
American Studies Department
UMBC
Baltimore, MD 21228
(301) 455-2107

American Studies, Department of. This academic unit at UMCP offers an interdisciplinary program devoted to the study of American society and its constituent cultures. American Studies seeks especially to understand the values and beliefs in and through which Americans make sense of themselves and their worlds.

Available to: Anyone

Fees: Cost

Information:
Dr. R. Gordon Kelly, Chair
American Studies Program
2140 Taliaferro Hall
UMCP
College Park, MD 20742
(301) 454-4661

Ancient Studies, Department of. Take a trip with-a-purpose via UMBC's Department of Ancient Studies. Museum trips to Washington, Philadelphia, Boston or New York, and more adventurous Study-Travel to England, France, Italy, Greece and or Austria are offered for credit by this academic unit usually once a year in winter or summer session. All are open to the public, as is Ancient Studies Week—an intriguing 7-days of lectures and performances given annually in the fall. Also, anyone is welcome to view the films shown as part of course work or through Classics Club. Call for information. The department has supplied technical assistance to various excavations abroad, as well as locally. Academic credit may be earned through UMBC Summer Sessions for participation in area excavations of the Baltimore Center for Urban Archaeology.

Available to: Anyone

Fees: FREE except trip expenses.

Publications: *Res Classicae*, newsletter four times a year (September, November, March, May), by request. FREE.

Information:
Dr. Carolyn G. Koehler, Chair
Department of Ancient Studies
UMBC
Baltimore, MD 21228
(301) 455-2115

Black History Month. Enjoy an exuberant choice of entertainment and scholarly events annually in February when every UM undergraduate campus celebrates Black History Month. Speakers, art exhibits, dance programs, gospel choirs, food, films, poetry, music, and drama are yours at UM's open-to-the-public festivities. A Black History Month sampler from UMES: A Talk entitled "African Literature," presentations by the Gambia National Theatre's 20-member dance company and the Lincoln University Dance Troupe, a day of "Soul Food" by the UMES Gourmet Food Service, and the film "Autobiography of Malcolm X."

Available to: Anyone

Fees: Generally FREE

Information: University Relations offices at each campus (see index).

Center for Renaissance and Baroque Studies. Shakespeare is alive to the scholars of this five-year old center at UMCP. Besides being the source of University expertise on the Bard, the Center enriches the life of the community through guest lectures, conferences, exhibitions and concerts. For example, in the Fall of 1987 the Center brought performers from the illustrious Royal Shakespeare Company to campus for a 5-day series of classes for area students and teachers, workshops and public performances. The Maryland Handel Festival and Symposium is sponsored annually by the Center.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Samuel Schoenbaum, Director
Center for Renaissance and Baroque Studies
0117 Taliaferro Hall
UMCP
College Park, MD 20742
(301) 454-2525 or 2740

"Discovering the Americas" Series. A delightful salute to Quincentennial of Columbus's voyage, this is a UMCP series of courses, lectures, symposia, art exhibits and film festivals on related topics. 1987-89 events focus on pre-Columbian cultures; 1989-91 on Africa in the Americas; 1991-93 on Spain in the Americas. All events are free and open to the public. Members of the faculty have offered to perform speaking engagements in public school systems or for civic groups (on select dates). Volunteers are welcome; UMCP students may be eligible to Spanish 386-387 credit.

Available to: Anyone

Fees: FREE

Publications: Newsletters and working paper series on request in writing.

Information:
Dr. Saul Sosnowski
Chair
Department of Spanish and Portuguese
2215 Jimenez Hall
UMCP
College Park, MD 20742
(301) 454-4305 or 06

Historic Preservation. Saving the past is a combination teaching and outreach focus of UMCP's School of Architecture. A current king-sized summer project: restoration of Kiplin Hall, the ancestral home of George Calvert, the first Lord Baltimore, in North Yorkshire, England. See Architecture.

History, Department of. History buffs, rejoice. This UMCP academic unit offers a fascinating array of talks, seminars and colloquia that are open to the public FREE. Once a month, generally on Friday afternoons, a special lecture by a visiting scholar is offered. Recent topics include "Women and Crime in Early Modern Europe," "Judges and the Nazi State," and "American Traditions and the Evil Empire of Neo-Conservative Ideology." Four times a year seminars in American Colonial History are held. These evening seminars are free and open to the public. (Call 454-2843 to get on the lecture series mailing list). The Department also periodically co-sponsors lectures with the Women's Studies program, Russian Area Studies, Jewish Studies, Afro-American Studies and Urban Studies. Expert consultation is available to both the public and private sectors of the State and National Capital Area on United States history, European history (from Ancient Greece and Rome to modern times), and Latin American, East Asian (China and Japan), Middle Eastern, and West African history, as well as on historic preservation. The Department also has specialists in the history of science and technology, religious history, women's history, economic history (U.S. and European), diplomatic history (U.S. and European), and modern military history.

Available to: Anyone

Fees: FREE Negotiated

Publications: *Maryland Historian*, semi-annual scholarly journal; subscription $8.

Information:
Dr. Richard Price, Chair
Department of History
2115 Francis Scott Key
UMCP
College Park, MD 20742
(301) 454-4201

Joseph and Rebecca Meyerhoff Center for Jewish Studies. See index.

National Archives Research Center. A proposed new center to house two-thirds of the National Archives and Records Administration's historical collection may be coming to UMCP. A 37-acre plot just north of the campus golf course would house a 1.7 million square foot building and approximately 6,000 archives employees. The proximity of the research center will lead to a variety of joint activities of interest to the public, including speakers, conferences, and workshops. For an update, please call the hotline, 454-3000.

LANGUAGES

Classical Languages and Literature, Department of. Nurturing the interest of young people in the classical world, this UMCP academic unit holds a "Latin Day" every year and invites high school students of Latin from all over the state. Each year a different theme is chosen, focusing on an aspect of the classical world that has shaped contemporary life, such as "Ancient Olympic Games," "Ancient Politics and Government," and in 1980 one that attracted over 2,000 high schoolers, "Pompeii on the 1900th Anniversary of the Eruption of

Vesuvius." The Classics Department also offers in-service conferences for high school Latin teachers on ways of using Latin as a tool for learning about classical civilization. The department provides translation services and prepared talks to high schools and community groups upon request.

Available to: Interested groups

Fees: Depend on service.

Information:
Dr. Robert J. Rowland, Jr. Chair
Department of Classical Languages and Literature
4218 Jimenez Hall
UMCP
College Park, MD 20742
(301) 454-2510

English and Languages, Department of. Three distinct areas within this UMES academic unit extend their own brand of public service to the community: 1) Communications and Media presents a classic film series; 2) Languages performs translation services in French and Spanish; 3) Theater and Performing Arts sponsors the UMES Drama Society which sends its shows on tour to the local high schools and which hosts children and teens in the summer for drama and music workshops.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Chester Hedgepeth, Jr.
Department of English and Languages
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 592

ESOL Conversation Groups. International students and other speakers of foreign languages looking for an opportunity to converse in English, ask the Learning Assistance Center at UMCP about its ESOL conversation groups, 454-2935.

France-TV Magazine. A fascinating one-hour TV "evening magazine" menu of eight or more vignettes—up to the minute information about France, ranging from headline news and elections to scandals, heat waves, and education. UMBC faculty, working with French television producers, develop the current newscast clips. Once on videotape, each segment is air-expressed to UMBC, transcoded for American television, and, through Maryland Public Television, is broadcast via satellite on the first Wednesday of the month. 300 schools, colleges and universities are tuning in for vital language teaching materials. Anyone in North America with a satellite dish can see the show. Any language instructor who has a computer and modem is invited to phone UMBC, access the Bulletin Board, and request custom-prepared teaching materials for the forthcoming broadcast. The materials will be downloaded immediately to the user's disk for printing and reproduction. Claud DuVerlie, Project Director.

Available to: As above.

Fees: FREE

Publications: Information sheet giving users' rights and privileges, tips for dish alignment, and other information upon request.

Information:
France-TV Magazine
AC IV, Room 214
UMBC
Baltimore, MD 21228
(301) 455-2963

French and Italian, Department of. Translations, tutoring and expertise in these two popular languages are available by arrangement, as is the use of a small specialized library within this UMCP academic unit. Local French- or Italian-speaking citizens may contact the department for information about the activities of the French Club and the Italian Club, which meet for discussion, to show French or Italian films, to celebrate special occasions like Mardi Gras and to take occasional field trips to the national embassies, etc.

Available to: Anyone

Fees: Depend on service.

Information:
French:
Dr. Ralph Tarica, Chair
(301) 454-4304
Italian:
Dr. Charles Russell
Assoc. Professor
(301) 454-4303
Department of French and Italian
Jimenez Hall
UMCP
College Park, MD 20742

Germanic and Slavic Languages and Literatures, Department of. Home of the German Club, this UMCP academic unit may be contacted individually for translation or other expertise.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Dan E. Davidson, Chair
Department of Germanic and Slavic Languages and Literatures
3215 Jimenez Hall
UMCP
College Park, MD 20742
(301) 454-4301

Hebrew and East Asian Languages and Literatures, Dept of. Being close to the Nation's Capital has brought extra excitement to this UMCP academic unit, which provides language translations upon request as well as speakers on language and culture (Chinese, Japanese, Hebrew). Independent of the department, but reachable through the information number below, are organizations which host events to which the public is cordially invited, such as a Japanese film series, a Chinese New Year celebration, etc. For Japan Club (students) or East Asian Studies Committee (faculty) events, the contact is Prof. Thomas Rimer. For Chinese Culture Club or Chinese Students Association events, ask for Prof. Chin Tsung. For events sponsored by the Meyerhoff Center for Jewish Studies, contact Prof. Alan Mintz. All may be reached at the number below.

Available to: Anyone

Fees: Usually FREE

Information:
Dr. Thomas Rimer, Chairman
Department of Hebrew and East Asian Languages and Literature
2106 Jimenez Hall
UMCP
College Park, MD 20742
(301) 454-5152

Language Media Center. Operates a language lab with foreign language study tapes in support of the foreign language departments at UMCP. Some materials, including foreign language films, are available for borrowing by high school teachers.

Available to: As above

Fees: FREE

Information:
James Royalty, Director
Language Media Center
1202 Jimenez Hall
UMCP
College Park, MD 20742
(301) 454-5728

Linguistics Program. Here, in this UMCP academic unit, is research and teaching on the psychological basis of human language-its nature, its development in children, its breakdown in the event of brain damage.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. D. W. Lightfoot, Director
Linguistics Program
1109 Mill Building
UMCP
College Park, MD 20742
(301) 454-7002

Maryland English Institute. When English isn't a natural, here's help at UMCP. Full time intensive English language instruction is tailored to the adult interested in pursuing higher education. For persons seeking to correct pronunciation errors, a special pronunciation course is offered once a week. MEI speeds up learning by matching students with American "speaking partners." Also, a list of experienced tutors is kept for those who cannot attend regular classes. For non-native speakers not interested in academic work, MEI has information about other area programs, or can design special programs for groups with specific language requirements. MEI has established a "language bank" to provide foreign language translation services for members of the UMCP community. Call Lois Kleinhenn Lanier at the number below for special arrangements.

Available to: Any adult. (See above.)

Fees: Intensive, $127 per week; English Pronunciation, $175 per course; Tutorial, $25-$30 per hour.

Publications: Brochure "Speaking Partners Program," FREE on request.

Hours: Classes are held during the day, M-F all year.

Information:
Leslie A. Palmer, Director
Maryland English Institute
1104 Preinkert Field House
UMCP
College Park, MD 20742
(301) 454-6545

"Maryland in Europe/Europe in Maryland." With the goal of improving UM's relationship with the 12 European Community Nations, this new initiative is a multidisciplinary academic, cultural and artistic exchange. Located in UMCP's Comparative Literature Department, the program has already sponsored a "Flemish Week" of art, music, and films; an exhibit "150 Years of Feminism in Europe;" and a visiting professorship.

Available to: Anyone

Fees: FREE

Publications: FREE brochure, on request.

Information:
Taitsch Guy
"Maryland in Europe"
Department of Comparative Literature
UMCP
College Park, MD 20742
(301) 454-2685

Maryland Initiative for Foreign Language Studies. UM's System-wide effort to make the University a center of excellence for activities dedicated to foreign language instruction and intercultural and international studies is resulting in: developing foreign language links with secondary schools, government, industry. This new thrust is a University- generated response to the state's and the nation's critical need for people with both foreign language and foreign culture expertise. For an update or information about the report of a 3 year in-house study chaired by Dr. Rita Colwell, please call the hotline, 454-3000.

Modern Languages and Linguistics, Department of. Spanish, French, Russian, German, Chinese—experts on the language, the literature, the culture may be found in this UMBC academic unit. Its active community service program includes: an international film series open to the public; speakers and consultants for schools, community groups, state agencies; and an active Internship Program for agencies and businesses using foreign languages. Begun recently under UM's foreign language initiative for the state: international language camps for children, immersion Saturdays for high school students, immersion programs and "Let's Talk" days for high school teachers.

Available to: See above

Fees: Immersion programs and camps, fee charged; other services FREE.

Publications: MLL newsletter upon request; listing of UMBC foreign language phonograph records, tapes, etc., upon request. Brochures on camps and immersion programs, on request.

Information:
Dr. Angela Moorjani, Chair
Modern Languages and Linguistics
Acad. IV, 142
UMBC
Baltimore, MD 21228
(301) 455-2109

Multimedia Center, UMBC. A service facility equipped with a variety of audiovisual equipment for independent and group study, the Multimedia Center invites visitors to use (in-house) any of the available A-V software provided by the departments of Modern Languages and Linguistics, English as a Second Language, Nursing, and the Learning Resources Center. For world watchers: take time to see some of the French and Spanish television programs received at the Multimedia Center via satellite and shown on a nearly life-size 50" screen. Consultation and seminars are provided upon request on instructional media production techniques, instructional development, design, and presentation.

Available to: As above

Fees: FREE

Hours: M-Th, 9am to 9pm; F, 9am to 4pm; Summer hours vary.

Publications: Brochure, on request.

Information:
Iris R. Wingert, Coordinator
Multimedia Center
UMBC
Baltimore, MD 21228
(301) 455-2464 or 2223

The Maryland Review. Called "the first real journal of literature on the Delmarva Peninsula," *The Maryland Review* was established in 1986 to publish short stories and poetry. Anyone may submit manuscripts. Editors are seeking quality, mainstream adult fiction, with a special emphasis on black literature. All material published is copyrighted.

Available to: Anyone

Fees: No cost to submit material; the annual publication, $6/yr.

Information:
Dr. Chester M. Hedgepeth, Jr.
Cary C. Holladay
Editors
The Maryland Review
Department of English and Languages
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 262

The Resource Center for ESOL/Bilingual-Bicultural/Multicultural/FL Education. Serves all educators and other interested persons in the state who are working with students of limited English proficiency (LEP) and students who are studying foreign languages. Anyone needing help, materials, workshops, is free to use the Center's services. Included are videotapes for teacher training in ESL, foreign language and cross-cultural education, plus a variety of journals. Workshops range from second and foreign language teaching techniques to "Contrasting the American and Other Cultures." The Center is part of UMBC's Departments of Education and Modern Languages.

Available to: Anyone

Fees: FREE. Materials on loan for two week period.

Information:
Ronald Schwartz, Director
Resource Center
Department of Modern Languages
UMBC
Baltimore, MD 21228
(301) 455-2379

Russian Area Studies Program. Research and expertise in Russian language and subjects are part of this UMCP academic unit. Call for information about Russian clubs or translation services.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. John R. Lampe, Director
Russian Area Studies Program
2129 Francis Scott Key Hall
UMCP
College Park, MD 20742
(301) 454-4204

Self-Instructional Foreign Language Program (FOLA). If you would like to acquire a speaking knowledge of a foreign language not offered in the academic catalog, check with FOLA. This UMCP program represents a new dimension in foreign language teaching at UM. Basically self-instructional, the program consists of studying a text, listening to tapes, memorizing speech patterns-supplemented by regularly scheduled drill sessions with a native-speaking tutor. Grades are based on one final oral examination which lasts about 20 to 30 minutes and is administered by outside examiners who are prominent scholars in their particular languages. Languages offered in the 1987 FOLA program were Modern Greek, Polish, Korean, Hungarian, Dutch, Persian, Hindi, Turkish, and Egyptian Arabic. Registration can be for either 3 or 6 credits per semester.

Available to: Anyone with proven linguistic aptitude. Must be admitted to UMCP as a regular or special student. Call for qualification requirements.

Fees: Regular per-credit-hour tuition.

Information:
Dr. William MacBain, Director
FOLA (Critical Languages Program)
4117 Jimenez Hall
UMCP
College Park, MD 20742
(301) 454-1554

Sign Language Classes. Available by special arrangement through UMCP's Disabled Student Services.

Call Carol Wilde-Mermon at 454-5028 for more information.

Spanish and Portuguese, Department of. Home of a variety of language clubs, including the Brazilian-Portuguese Club, this UMCP academic unit occasionally hosts foreign language films and can provide translation services.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Saul Sosnowski, Chair
Department of Spanish and Portuguese
2215 Jimenez Hall
UMCP
College Park, MD 20742
(301) 454-4305

Western Maryland Writers Workshop Evening Seminars Project. In conjunction with the Western Maryland Writers Workshop (see index), an evening seminars program is funded through the Allegany Arts Council, the Frostburg State University Foundation and Faculty Development Committee, the Office of Graduate Studies and Extended Education at FSU and the Maryland Humanities Council, an affiliate of the National Endowment for the Humanities. A series of evening poetry readings are conducted each day with wine and cheese receptions following each one. Poetry readings are given by selected award-winning writers.

Available to: Anyone

Fees: FREE

Information:
Dr. Barbara Wilson
English Department
Frostburg State University
Frostburg, MD 21532
(301) 689-4238

Writers Here and Now Program. This exciting public offering of UMCP's Creative Writing Program presents emerging and nationally known poets and fiction writers who read from their own work. After each reading, you are invited to attend a reception to say hello to the readers and discuss their work.

Available to: Anyone

Fees: FREE

Hours: Usually Tuesday afternoons at 3:30pm in the Katherine Anne Porter Room of McKeldin Library.

Publications: Calendar and brochures on request.

Information:
Michael Collier
Department of English
Taliaferro Hall
UMCP
College Park, MD 20742
(301) 454-7015

MUSEUMS

B. Olive Cole Pharmacy Museum. While you're on the UMAB campus, visit the Dr. B. Olive Cole Pharmacy Museum of the Maryland Pharmaceutical Association located next to Dunning Hall. Many fine pieces of pharmaceutical wares dating from as early as the 1600's are displayed, including two elaborate old show-globes, early symbols of apothecary shops. The museum is named in honor of the first woman to receive a law degree from UMAB. The extraordinary Dr. Cole was also a pharmacist (Acting Dean of School of Pharmacy 1948 to 1949) and a member of UMAB's faculty from 1920 to 1953.

Available to: Anyone

Fees: FREE

Hours: M-F, 9am to 4pm.

Publications: Brochure, FREE on request.

Information:
B. Olive Cole Pharmacy Museum
(301) 727-0746

Davidge Hall. Davidge Hall at UMAB is the oldest building in the Western Hemisphere in continual use in the teaching of medicine. The ornate 19th century building, modeled after the Pantheon in Rome, was rededicated in 1982 after a three-year restoration. Named for one of the founders of the Medical School and its first Dean, Davidge Hall displays the school's collection of 19th century anatomical illustrations, medical instruments and equipment employed through the years since the building's construction in 1812, and various artifacts pertaining to the progress of medical education in Maryland. Davidge Hall is at Lombard and Greene Streets within walking distance to Baltimore's Inner Harbor.

Available to: Anyone, by appointment.

Fees: Vary

Information:
(301) 328-7454

Dorchester Heritage Museum. Someday on your way to the ocean, leave early and stop to tour CEES's Horn Point estate (see index) and visit the charming Dorchester Heritage Museum on the grounds. It's all the former home of Francis V. duPont, with the volunteer-staffed Dorchester Heritage Museum housed in the hanger where duPont kept his private plane. In the museum's Maritime Hall are artifacts, arts and crafts of local watermen; Aircraft Hall displays large scale model planes and airplane engines; Archaeological Hall exhibits antiquities from the actual digging site on Horn point. In addition there are displays of old household tools and a small gift shop. Mark your calendar now for early May when the Dorchester Heritage Museum annually hosts a popular fly-in of antique aircraft which land on three of the finest grass runways in the United States, crafted to order for duPont and now maintained by the University. Inquire about other folk craft demonstrations, pageants and shows held on the grounds during the spring and summer months.

Available to: Anyone

Fees: FREE, donations welcome.

Publications: FREE museum brochure, on request.

Hours: M-F by appointment only for groups. Sat & Sun, 1pm to 4:30pm. Mid-April through October.

Information:
Dale C. or Frances Price
(301) 228-1899

Gems and Minerals Museum. A $1 million collection of Smithsonian quality gems and minerals, including an 85-carat emerald from Columbia and a 160-carat cluster of manmade ruby crystals. The UMCP museum is a gift of benefactor Irvin Freedman who has been collecting gems and minerals for more than 35 years from such places as Brazil, Uruguay, Japan and Mexico. The museum is located on the second floor of the Geology Building.

Available to: Anyone.

Fees: FREE

Hours: Tuesdays and Thursdays, 12:30 pm to 3:30 pm.

Information:
Linda Welzenbach, Curator
Gems and Minerals Museum
Room 2115, Geology Building
UMCP
College Park, MD 20742
(301) 454-3548

Herbarium. Available for viewing: the collection of nearly 1,100 terrestrial, aquatic and salt water plant specimens retrieved over the past 40 years by the staff of the University's Chesapeake Biological Laboratory in Solomons. The valuable collection was donated to the Calvert Marine Museum where it will be shared with botanists and the public. For an information update, call Michael Reber at CBL.
(301) 326-4281

Historic Costume Collection. What's in your attic? Any wearing apparel or accessories you find which date back to 1900 through the 1950's would be welcomed as a University-recognized donation to UM Stystem collectionx. A major donation in 1988 to the UMES collection included designer garments by Norell, Valentino, Galanos, Dior, St. Laurent, Ungaro, and Armani. Major collection at UMCP used for teaching students textiles and apparel design, may be viewed by appointment.

Available to: Anyone

Fees: FREE

Information:
Dr. Jo B. Paoletti
Dept. of Textiles and Consumer Economics
Room 0301, Marie Mount Hall
UMCP
College Park, MD 20742
(301) 454-6494

Eretheia H. Evans
Department of Human Ecology
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 255 or 589

Museum of the Baltimore College of Dental Surgery. To realize the remarkable strides dentistry has taken in this century, stop by the dental museum on the ground floor of UMAB's Dental School. You'll see dated dental operatory equipment and furniture, exhibits of old dental instruments and methods, and memorabilia of alumni, as well as portraits and photographs marking the history of the dental school. Established in 1840, the Dental College was the first in the world. Dr. James F. Craig, Director.

Available to: Anyone

Fees: FREE

Publications: FREE brochure *The Baltimore College of Dental Surgery, Heritage and History.*

Hours: M-F, 9am to 5pm.

Information:
Dr. James F. Craig, Director
Museum of the Baltimore College of Dental Surgery
School of Dentistry, G-F-11
UMAB
666 W. Baltimore St.
Baltimore, MD 21201
(301) 328-3388

Smithsonian Institution Exhibits. In 1987-88 the University of Maryland System mounted two major exhibitions at the Smithsonian Institute in Washington, D.C., both of which will go on national tour over the next five years. "King Herod's Dream" opened in March 1988 at the National Museum of Natural History with the first public presentation of more than 200 artifacts from Ceasarea, the monumental seaport of ancient Judea built by Herod the Great. After its tour, the "Dream" collection will be a gift to the nation of Israel. The second exhibit is "The Search for Life," mounted to celebrate the 100th anniversary of the University's Agricultural Experiment Station in 1988 and funded by a nearly $1 million grant to UM from the W.K. Kellogg Foundation.

Available to: Anyone

Fees: None

Publications: Catalogues available from exhibiting museums.

Information:
Office of University Relations
Turner Building, 2nd Floor
UMCP
College Park, MD 20742
(301) 454-5335

Westminster Hall. Over one city block in Baltimore sprawls the UMAB School of Law and Law Library, and tucked in one corner is the historic national landmark, the Westminster Church and its burial grounds—where Edgar Allen Poe, numerous Revolutionary War and War of 1812 heroes, and the first five Mayors of Baltimore are buried. In a joint effort by the School of Law and Baltimore leaders, the Westminster Preservation Trust has restored the inactive building which is now open to the public. Theatre productions and lectures are held in the hall, and tours of the property, including the catacombs and crypts, are available by arrangement. The building may also be rented for meetings, parties, etc. (See UM Meeting Sites, Chapter 9.)

Available to: Anyone

Fees: Tours $3 for adults; $1 for children under 12 and senior citizens.

Information:
Mary Jo Rodney
School of Law
UMAB
500 W. Baltimore St.
Baltimore, MD 21201
(301) 328-2072

Wildlife Museum Collections. Collections of birds, mammals, fish, reptiles, insects, and plants are housed at the Appalachian Environmental Laboratory of CEES. (See index.)

MUSIC

Artist Scholarship Benefit Series. Five evenings of music, from October to April, featuring outstanding UMCP faculty members. All funds go to the music scholarship fund. 1987-88 series includes two voice and one cello performance; the Happy Birthday, Mozart program on period instruments; and the internationally acclaimed Guarneri String Quartet. Open receptions are held after each concert; come meet the artists.

Available to: Anyone

Fees: Subscription: $48; students and senior citizens, $35.

Information:
Dr. Suzanne Beicken
Music Department
UMCP
College Park, MD 20742
(301) 454-6669

Band Program. Something for everyone—Marching Band, Concert Band, Symphonic Wind Ensemble or Jazz Ensemble. The UMCP Bands perform by special request at local high schools and have brought music to a variety of sporting events, building dedications and other public functions. John E. Wakefield, Director.

Available to: Interested groups

Fees: Depends on service and distance.

Information:
Jack Cooper
Band Program
Department of Music
1108 Tawes Fine Arts Building
UMCP
College Park, MD 20742
(301) 454-6554

Band Program, UMES. The band program at UMES includes a stage band, a rock disco band, a jazz band, and a concert band as well as the popular Soul Explosion Marching Band. Performance information by request.

Available to: Interested parties

Fees: Depend on service.

Information:
Rev. Kenneth Martin, Sr., Director
Band Program
Ella Fitzgerald Center Auditorium
UMES
Princess Anne, MD 21853
(301) 651-2200

The Camerata (Chamber Choir), UMBC. Choral concerts open to the public. A highly select ensemble which performs a widely varied repertoire, The Camerata has sung seven international concert tours, winning prizes and performing in major international music festivals in this country and in Europe. The Camerata has won the Royal National Eisteffod competition, the first foreign choir ever to compete in this acclaimed festival.

Available to: Anyone
Fees: Depend on service.
Information:
Dr. Samuel Gordon, Chair
Department of Music
UMBC
Baltimore, MD 21228
(301) 455-2942

Capitol Wind Band. Wind instrument players in the vicinity of UMCP are invited to audition for this approximately 50-member band. Auditions are held at the beginning of every semester; most performances are local and audiences attend without charge.

Available to: Anyone
Fees: FREE

Information:
John E. Wakefield, Director
Capitol Wind Band
1108 Tawes Fine Art Building
UMCP
College Park, MD 20742
(301) 454-6803

Ensembles, UMBC. Musical ensembles at UMBC have an active schedule, performing at a professional level. Among the variety are: Madrigal Ensembles, The Wind Ensemble, The Jazz Ensemble, The Percussion Ensemble, The Brass Ensemble, The Guitar Ensemble, The New Music Ensemble, Chamber Music Ensembles, and Early Music Ensembles. Call for performance information.

Available to: Anyone

Fees: Depend on service; campus performances usually FREE.
Information:
Dr. Samuel Gordon, Chair
Department of Music
UMBC
Baltimore, MD 21228
(301) 455-2942

Ethnomusicology (World Music). This academic program at UMBC opens the international world of music and dance to the public through its "International Seminars" series, presenting performances and lectures by visiting scholars from other countries. It offers new ways for local ethnic groups to study and promote their own traditional arts. A sound analysis lab may be used on a limited basis by outside researchers. The department houses a collection of foreign musical instruments, including 11 beautifully crafted instruments from Turkey.

Available to: Anyone
Fees: Depend on service.
Publications: Progress Reports in Ethnomusicology, nine issues per year.
Information:
Dr. Mantle Hood
Department of Music
UMBC
Baltimore, MD 21228
(301) 455-2981

Guarneri Fellowship Quartet (Borghese Quartet). Select group of advanced students coached by the internationally famous Guarneri Quartet in residence at UMCP. Affectionately known as "the Junior Guarneris," they present free concerts and are available to travel to perform upon request. More information, 454-6669.

Guarneri String Quartet. Internationally famous string quartet in residence at UMCP. Presents concerts, master classes, and FREE open rehearsals. More information, 454-6669.

Jazz Ensemble, UMBC. Popular 20-piece band performs on campus and in Baltimore area, including radio shows. Featured in the annual UMBC Jazz Festival usually held in early Spring in the Recital Hall. The festival is free and open to the public.

Available to: Anyone, community members welcome.
Fees: FREE

Information:
Edward Kerman, Director of Bands
or Ron Diehl, Director of Jazz Studies
Fine Arts Building
UMBC
Baltimore, MD 21228
(301) 455-2942

Jazz Ensemble, UMCP. Gives free concerts in the Stamp Student Union on an afternoon, occasionally features guests from the world jazz community. George Ross, saxophonist, is director. For information, call 454-2501.

Jazz Festival, UMBC. Annual program open to the public since 1976, recently featured superstar Dizzy Gillespie. Usually held in March. Information, 455-2901.

Maryland Boy Choir. Does your son love to sing? Then take note of this 25-voice auditioned boy choir at UMCP which rehearses on campus Thursdays from 4 to 6pm. The Choir is open to boys 8 to 13 with unchanged voices. The Choir is available for community and private performances. Director, Betty Scott 585-3855.

Available to: As above

Fees: FREE

Information:
Dr. Suzanne Beicken
Music Department
UMCP
College Park, MD 20742
(301) 454-6669

Maryland Handel Festival. Since 1981, the Maryland Handel Festival at UMCP has presented to music lovers of the Washington-Baltimore area the world's finest performers of Baroque music, establishing for itself a national and international reputation as one of the leading Handel festivals of the world. To honor Handel, the Festival offers up both first-rate concerts and conferences on varied aspects of Handel research and other 18th century scholarship. Held annually in November.

Available to: Anyone

Fees: Lectures and conferences, usually free; concert tickets, $9-$13.

Information:
Jess Parker, Manager
Maryland Handel Festival
2140 Tawes Fine Arts Building
UMCP
College Park, MD 20742
(301) 454-5265

Music at Maryland Magazine. Learn about the wealth of musical events filling the air continually at UMCP. This new magazine includes calendars of musical events as well as articles and reviews of upcoming and recent musical activities. *Music at Maryland* announces auditions, scholarships, lectures, and workshops as well as concerts.

Available to: Anyone, by request.

Fees: FREE

Information:
Brianne Friel, Editor
Music at Maryland Magazine
Department of Music
UMCP
College Park, MD 20742
(301) 454-2501

Music Department, UMCP. A boon to area music lovers, this academic department advertises approximately 250 concerts a year through its Concert Office, a selection ranging from sopranos and string quartets to bagpipe players. A calendar of events is published and is available FREE upon request. Faculty from the Music Department's divisions of piano, voice, musicology, musical instrument performance, and theory and composition will judge competitions, lecture, hold workshops and perform artistically both on and off-campus. Dr. Robert Cohen, Chair.

Available to: Anyone

Fees: Many FREE

Information: (concerts)
Dr. Suzanne Beicken, Concert Manager
2148B Tawes Fine Arts Building
UMCP
College Park, MD 20742
(301) 454-6669

Music at Frostburg. Frostburg State University offers a variety of five musical performing groups: a marching band, symphonic band, orchestra, jazz ensemble, and men's and women's choral groups. For more information, please call **(301) 689-4161**.

Music Lessons. Available from faculty and graduate students at UM member institutions with music departments through individual arrangement. Call the Music Department at your nearest campus for specific information, or hotline, 454-3000.

Music Library. Home to fabulous collections of music on tapes, records, and sheets, as well as books about music. Houses a new giant 9 1/2 foot computer controlled super piano, a Boesendorfer 290SE, which can play back an exact performance. Located at UMCP's Hornbake Library. Neil Ratliff, Head, 454-6903.

New American Keyboard Music Festival. The eighth annual version of this week-long contemporary piano music event took place in Spring 1988 at UMCP. For an update, please call the Music Department at 454-2501 or the hotline, 454-3000.

Nyumburu Cultural Center. Gospel, Jazz and Blues. See index.

Soul Explosion Marching Band. Exciting marching band from UMES travels all over Maryland as well as out of state to perform.

Available to: Interested parties

Fees: Depend on service.

Information:
Rev. Kenneth Martin, Sr., Director
Soul Explosion Marching Band
Ella Fitzgerald Center Auditorium
UMES
Princess Anne, MD 21853
(301) 651-2200

Twentieth Century Concerts. Weird and wonderful concerts including the latest in computer music. Holds a festival annually in the Spring at UMCP. For information, call 454-2501.

UMBC Symphony. The UMBC Symphony was organized in the fall of 1972 for the education and enjoyment of its members and the public. A peak performance: the concert in Baltimore's Meyerhoff Hall celebrating Maryland's 350th birthday. Concerts are open to the public.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Samuel Gordon, Chair
Department of Music
UMBC
Baltimore, MD 21228
(301) 455-2942

University Community Concerts (UCC). UCC offers four separate concert series at UMCP, presenting over 24 concerts during the 1987-88 season, October through April. The Chamber Music Series presents an extraordinary roster of world-class musicians. The Olde Musicke Series presents renowned artists from around the world in concerts designed to cover the entire spectrum of early music; each concert is preceded by a free symposium discussing the evening's program. The Great American Songwriters Cabaret/Jazz Series features the finest genre performers from around the U.S., and the new WorldSong Series presents superb folk and non-Western classical music from around the world. Eva Hornyak, Director.

Available to: Anyone

Fees: Subscriptions and single tickets available to all concerts. Special student rates available.

Publications: Brochure for each series available upon request.

Information:
University Community Concerts
4321 Hartwick Road, Room 411
UMCP
College Park, MD 20740
(301) 454-6534

University of Maryland Chorus, The. One hundred fifty strong, the University of Maryland Chorus has become an internationally respected ensemble. In celebration of its 20th season, the Chorus performed Beethoven's Ninth Symphony with the National Symphony Orchestra at Wolf Trap in 1987. The Chorus culminates its anniversary season with a European tour performing Beethoven's monumental *Missa Solemnis* in the summer of 1988. Other appearances during the season included the 7th annual Maryland Handel Festival, at which the Chorus performed Handel's epic oratorio, *Israel in Egypt*. By invitation, the Chorus has also sung at

Carnegie Hall, the Kennedy Center, and the 1986 Casals Festival in Puerto Rico, in addition to performances on its home UMCP campus. Membership is by audition at the beginning of every semester. Auditions are open to singers from the community as well as to students.

Available to: Anyone

Fees: Performance prices vary; many are FREE but tickets are required.

Information:
Ticket Office: 454-4183
Dr. Paul Traver, Director
2140A Tawes Fine Arts Building
UMCP
College Park, MD 20742
(301) 454-4183

University of Maryland International Piano Festival and William Kapell Competition, The. Hosted every year since 1970 on the UMCP campus, this major piano festival and competition draws attendance from around the globe. More than $40,000 in prize monies are awarded to winners. Open to the public are dazzling and dramatic competition rounds, daytime masterclasses and lecture demonstration and recitals, as well as evening recitals by world class artists. The competition was named after William Kapell, a young American genius called "the James Dean of American pianists," who died in a plane crash in 1953.

Available to: Anyone

Fees: Ticket prices vary. Student/senior citizen rates available.

Dates: Program occurs annually in July for 10 days.

Publications: Brochure/calendar of events available upon request.

Information:
George Moquin, Executive Director
Seymour Lipkin, Artistic Director
Summer Programs
2103 Reckord Armory
UMCP
College Park, MD 20742
(301) 454-5910

University Opera Department. A two and one half year academic program covering all aspects of opera performance. Taking advantage of the voices teaching and studying on campus, the Opera Department is able to present accessible and entertaining opera. Possibilities include public presentations of both full length works and scenes from standard repertoire as well as new operas. For information, call 454-7271.

University Orchestra. A chance to play with other fine musicians, providing you can rehearse daytimes at UMCP. Membership by audition; most performances local and open to the public without charge.

Available to: Anyone

Fees: FREE

Information:
Dr. William L. Hudson, Director
University Orchestra
3267 Tawes Fine Arts Building
UMCP
College Park, MD 20742
(301) 454-2501

Vocal Activities. For those who want to sing and those who want to listen, UMBC offers a number of performing ensembles. Singers may join on a credit or non-credit basis; public performances may be scheduled by arrangement. Many recitals, operas and choral programs are open to the public on the UMBC campus. Call for music schedule information. For short term training, a variety of special clinics and workshops are offered on vocal-choral technique, the physiology of singing, body movement for singers, etc. Also the program has an exceptional electronic music laboratory.

Available to: Anyone

Fees: Tuition for classes; varied for performances, many FREE.

Information:
Dr. Samuel Gordon
Director of Vocal Activities
Department of Music
UMBC
Baltimore, MD 21228
(301) 455-2954

SPORTS

Athletic Center, UMAB. Located above the Pratt Street Parking Garage, this facility includes basketball, volleyball, squash, and racquetball courts; universal weight machines (multi-station and single station units); and locker rooms for men and woman with showers, lockers and sauna baths. Intramural sports players can choose from basketball, volleyball, and racquetball. Classes are offered in aerobics and other activities.

Available to: UMAB students, faculty, staff, alumni and guests.

Fees: Vary according to status. UMAB students, free access. Staff, faculty and alumni, membership fee. Guests must be accompanied by UMAB affiliated sponsor, pay guest fee for each visit.

Publications: New brochure, upon request.

Hours: Fall and Spring semester: M-Th, 10am to 10pm; F, 10am to 7:30pm; closed on weekends. Winter and summer sessions: M-Th, 10am to 7pm; F, 10am to 6pm; closed on weekends.

Information:
Mike Markell or Tom Day
Athletic Center
UMAB
621 West Lombard Street
Baltimore, MD 21201
(301) 328-3902

Biomechanics Laboratory. Muscular performance levels are tested and enhanced through the fast-developing science of "biomechanics." Practiced at UMCP with athletes, including members of the Washington Redskins and many Olympic-caliber amateurs, the lab uses force platforms, electromyography machines, high speed cameras, computers and digitizers. This unique facility attracts faculty researchers from all over the U.S. who are interested in the advanced study of human movement. Dr. Sally Phillips, Director. For an update, please call the hotline, 454-3000.

Campus Recreation Services. Adding sports to your life? Lots of ingredients on the gracious College Park campus. Runners: Use our 1.67 mile Parcourse Running/Fitness Trail, starting at the SW corner of Lot 4 (off Azalea Lane to the right as you enter campus from Metzerott Road and University Boulevard), as well as the University Golf Course's 2.18 mile perimeter trail. The Cole Field House promenade and the Byrd Stadium track are available, too, unless preempted by athletic events or varsity practice. Golfers: Yearly memberships are available to the University's lush 18-hole golf course. Call 454-2131 for details. Driving range and practice putting green open to the public. (Also see University of Maryland Golf Course, this section.) Indoor sportsfans: If you're a University of Maryland alumni, use your current Alumni Association card to purchase a recreational facility usage card as your entree to racquetball, handball, squash, basketball and tennis courts and to the weight rooms and the swimming pools at Cole and Preinkert Field Houses. For hours, restricted usage details, card purchase procedures, and court reservations, call 454-5454 or 454-3124. (Campus Recreation Services was formerly called Intramural Sports and Recreation.)

Available to: As above

Fees: Depend on sport.

Publications: FREE brochure describing on- and off-campus running routes, upon request.

Information:
Nick Kovalakides, Director
Campus Recreation Services
1104 Reckord Armory
UMCP
College Park, MD 20742
(301) 454-3124

Children's Sports. See index.

Chris Weller's Basketball Camp. Women basketball stars of the future, you may want to attend this summer camp directed by Chris Weller, Head Women's Basketball Coach for the University of Maryland. Each day there is individual instruction and team competition. Number of campers limited. Call for complete information.

Available to: School girls

Fees: To be determined.

Information:
Chris Weller's Basketball Camp for Girls
P.O. Box 295
UMCP
College Park, MD 20740
(301) 454-5939

Field House Sports, UMBC. UMBC's modern Field House has facilities for informal use, including a swimming pool, sauna, weight training area, locker room and exercise room.

Available to: Students and faculty/staff of UMBC and UMAB, alumni.

Fees: UMBC students, faculty/staff FREE; others nominal.

Hours: Depend on team schedules.

Information:
Rick Hartzell, Director
Department of Physical Education and Athletics
UMBC
Baltimore, MD 21228
(301) 455-2126

Fitness. For ways to stay fit at UMCP using "Lifeline," see Sports Medicine and Physical Fitness Center below.

Gymkana Troupe. UMCP is the oldest collegiate exhibitional gymnastic troupe in continuous existence, traveling throughout the U.S. and presenting gymnastic exhibitions to promote gymnastics, fitness and healthy life styles. Members voluntarily pledge themselves to an alcohol-, tobacco- and drug-free lifestyle in order to serve as role models for students and to act as a catalyst toward the enhancement of school-based drug education programs. Over eighteen acts are featured in each exhibition, including such favorites as men and women's apparatus, trampoline, vaulting, balancing and comedy.

Available to: Any school, college or organization.

Fees: Expenses (based on location).

Hours: Fridays at 8pm or limited day assemblies.

Information:
Dr. Joseph Murray, Associate Director
College of PERH
UMCP
College Park, MD 20742
(301) 454-3358/5616

Intercollegiate Equestrian Team. Competes in the mid-Atlantic region in riding and jumping events. See index.

Lifeline. Individualized fitness classes at UMCP. See Sports Medicine and Physical Fitness below. Free brochure on request, 454-2928.

Maryland State Games. Adult amateur participants in statewide olympic-like event coordinated at UM System Campuses. Some competitions held at UM swimming pools and track. First annual games: August 1985. For more information please call the hotline, 454-3000.

M Club Foundation. If you ever won a varsity letter from UMCP, you are eligible to join this special organization which devotes its funds and energies to the support of non-revenue sports at College Park.

Available to: See above

Fees: Annual dues, $20.

Information:
Jack Flynn, Executive Director
M Club Foundation
1142 Cole Field House
UMCP
College Park, MD 20742
(301) 454-5158

Rebounders, The. Booster club for the University of Maryland College Park Women's Basketball Team. Know the players and the schedule. Share in the fun of following a winner.

Available to: Fans

Fees: Donations

Information:
Women's Athletics
Cole Field House
UMCP
College Park, MD 20742
(301) 454-5854

Spectator Sports, UMBC. UMBC sponsors 19 intercollegiate sports at the Division I level, including men's and women's basketball, lacrosse, baseball, soccer, swimming, and gymnastics. Games and competitions played at UMBC are open to the public without charge except basketball and lacrosse. Admission fees for those two are $4 adult and $2 for non-UMBC students.

Available to: Anyone

Fees: See above

Information:
Steve Levy, Sports Information Director
Department of Physical Education & Athletics
UMBC
Baltimore, MD 21228
(301) 455-2197

Spectator Sports, UMCP. Known as the "Terps" or "Terrapins," College Park teams play twenty-two different sports for men and/or women. Call at the beginning of each season for a complete schedule. You may purchase tickets for football, men's and women's basketball, men's lacrosse games and selected wrestling meets. And you are cordially invited without charge to all other Terp team sports. Your support is welcomed. The Terps are members of the prestigious Atlantic Coast Conference and field the following teams, with M and W indicating Men and Women:

Fall Sports:
- Football/M
- Cross Country/M,W
- Soccer/M
- Field Hockey/W
- Volleyball/W

Winter Sports:
- Basketball/M,W
- Swimming/M,W
- Indoor Track/M,W
- Wrestling/M
- Gymnastics/W

Spring Sports:
- Baseball/M
- Golf/M
- Lacrosse/M,W
- Tennis/M,W
- Track/M,W

See Summer Sports Camps in Chapter 8 for special athletic training programs for children at UMCP. Robert T. Stumpff, Assistant Athletic Director.

Available to: Anyone

Fees: Public ticket information above. (Faculty and staff may inquire about optional plans for athletic cards which may be purchased every spring for the next academic year.)

Publications: Wallet-sized sports schedules, on request.

Information:
Athletic Ticket Office
The University of Maryland
P.O. Box 295
College Park, MD 20740-0295
Local Calls: 454-2121
Toll Free in Md: 800-492-0704

Additional information from the Sports Information Office in Cole Activities Building, 454-2123.

Spectator Sports, UMES. Sportsfans in the Princess Anne area will find a selection of men's and women's basketball, indoor track, baseball, golf, wrestling, tennis and cross country outdoor track at UMES to which the public is cordially invited. Tickets for basketball may be obtained through the UMES Business Office (651-2200, ext. 312). Sporting events are announced through the local media, on "Focal Point: UMES" (see index), and in the campus newspaper. Please call for information regarding availability of athletic facilities for public use.

Available to: Anyone

Fees: Vary

Information:
Kirkland J. Hall, Interim Director of Athletics
Department of Physical Education
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 266

Sports Facilities, UMCP. Two swimming pools; an assortment of tennis courts; a weight room; basketball, handball, racquetball and squash courts are available at UMCP under limited conditions. (See Campus Recreation Services, this section.)

Available to: Students, faculty, staff and alumni.

Fees: Semesterly fee for Alumni Association members.

Information:
454-3124 (office staff);
454-5454 (recorded message, includes hours of operation.)

Sports at Frostburg. All FSU teams are known as Frostburg State University "Bobcats." Men's sports include: football, basketball, baseball, soccer, indoor and outdoor track, cross country, swimming and tennis. Women's sports include tennis, cross country, indoor and outdoor track, basketball, swimming, lacrosse, and field hockey. For more information, please call **(301) 689-4161**.

Sports Medicine and Physical Fitness Center. The Center can provide physician and non-physician supervised stress testing, physical work capacity evaluations and body composition analysis. In addition it offers an excellent adult fitness program called "Lifeline". Meeting for 50 minutes daily 7-8am M, W, F and noon to 1pm M, F, "Lifeline" participants spend 10-12 minutes on flexibility exercises; 20-30 minutes on aerobic activities including aerobic dance, bicycle ergometry, and walking, jogging; and 5-10 minutes on cooldown. The Center and the "Lifeline" program are staffed by exercise physiologists from the Department of Physical Education.

Available to: Anyone

Fees: Depend on service.

Information:
Robert J. Confessore, M.S.
Sports Medicine and Physical Fitness Center
Department of Physical Education
PERH Building
UMCP
College Park, MD 20742
(301) 454-2928 or 7495

Summer Sports Camps. See index.

Tawes Gymnasium, UMES. Built in the late 1960's and the site of the Department of Physical Education at UMES, Tawes Gymnasium includes an olympic-sized swimming pool which is used for community recreation as well as for instructional purposes and competitive intercollegiate events. The building was named for J. Millard Tawes, former governor of the State of Maryland who was born and raised on the Eastern Shore.

Available to: Anyone

Fees: Per hour plus provide lifeguard.

Information:
Dr. Leon N. Coursey, Interim Dean
School of Professional Studies and
Chair, Department of Physical Education
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 606

Tennis Indoors. Players of America's #1 participant sport, here's a chance to play year round. The 3-court indoor facility on the College Park campus accepts reservations from and grants memberships as available to anyone. Showers, lockers and balls provided.

Available to: Anyone

Fees: Special fees for University community and friends; corporate rates.

Information:
Chris Kennedy, Director of Sales and Promotion
Maryland Indoor Tennis Facility
P.O. Box 295
College Park, MD 20740-0295
(301) 454-5742

Terrapin Club. Membership in the Terrapin Club, the social arm of the Maryland Educational Foundation, is open to the public. Anyone who belongs is helping to offset the cost of scholarships for worthy University of Maryland athletes, both men and women-and contributions, of course, are tax-deductible. You'll meet the coaches and the players, attend special parties after the games, have priority parking for football and basketball, and be invited to take trips to away football games, Bowl games and NCAA basketball competition. Best of all, you'll be eligible for tickets to the games (ticket plans vary depending on level of membership).

Available to: Anyone

Fees: Memberships $100 up.

Information:
Tom Fields, Executive Director
Maryland Educational Foundation
Terrapin Club
UMCP
P.O. Box 361
College Park, MD 20740
(301) 454-4562 or 5141

UMES Sports PT Clinic. Athletes from surrounding school districts in need of physical therapy may be treated at this campus sports clinic when referred by school officials, their physician, or school health nurse. The clinic is housed in the UMES Tawes Gymnasium.

Available to: As above

Fees: FREE

Hours: M-F, 3pm to 5pm, by appointment.

Information:
Dr. Raymond L. Blakely, Chair
Department of Physical Therapy
UMES
P.O. Box 1061
Princess Anne, MD 21853
(301) 651-2200, ext. 527

University of Maryland Golf Course, The. Make a tee-time, grab your clubs, and come play the University's lush 18-hole championship golf course at UMCP. Heavily wooded with nice water hazards, the 6,675 yard course is open to the public on a daily fee basis. The pro shop in the clubhouse sells golf clubs and equipment. Driving range ($3 per bucket) and putting green nearby for practice.

Available to: Anyone

Fees: Greens fee for 18 holes: $14 M-F, $17 weekends and holidays. (Student rates $5 and $6.)
Gasoline-powered carts: $16 for 18 holes, $8 for 9 holes.

Hours: Weekdays, 8am to dark; Sat and Sun, 7am to dark.

Information:
Spider Frye, Manager or
Ron Scales, Head Golf Professional
The University of Maryland Golf Course
UMCP
College Park MD 20742
(301) 454-2131 or 2132

Volleyball. Spectators interested in watching volleyball are invited to exhibitions by the volleyball team or to advanced classes of UMCP men and women. Sports educators may call the number below for information about general coaching clinics and for volleyball technique clinics which are offered frequently. Also, student officials are available to officiate games in area schools or communities. Junior and senior high school boys and girls may register for a Volleyball Day Camp held in August at the UMCP Armory. Fee is approximately $70 per person for the one week camp.

Available to: Interested parties

Fees: Depend on service.

Information:
Barbara A. Drum, Coach
Department of Physical Education
PERH Building
UMCP
College Park, MD 20742
(301) 454-3090

THEATRE AND PERFORMING ARTS

Creative Dance Lab. A community program for children and teens offering Creative Dance and Modern Dance classes for ten weeks in the Spring.

Available to: Children and teens, age 4-16.

Fees: Ten classes, $50-$80.

Publications: Brochure on request.

Information:
Susan Haigler deRobles
Director
Creative Dance Lab
Department of Dance
Building EE, Room 1116
UMCP
College Park, MD 20742
(301) 454-4056

Cumberland Summer Theatre. Initiated in Summer 1988 by Frostburg State University, this exciting stage opportunity is a first step in the development of a Western Maryland Music/Theatre and Performing Arts Festival. For more information, please call **(301) 689-4161**.

Dance Department, UMBC. Master classes taught by distinguished professional dancers are made available to the public by this UMBC academic unit several times a year. Consultation may be requested at any time on such specialized dance questions as correct stage flooring, proper costuming construction, treating dance injuries, and ways dance can help correct minor physical problems. Individual instructors act as judges for auditions and talent contests, and will lecture and dance for selected non-profit groups upon request.

Available to: Concerned parties

Fees: Depend on service.

Information:
Elizabeth Walton, Chair
Dance Department
FA-467
UMBC
Baltimore, MD 21228
(301) 455-2952

Dance, Department of, UMCP. The joy of dancing is shared by this UMCP academic unit in the form of concerts for the general public throughout the year and in occasional master classes taught by visiting professional dancers. Consultation may be requested in the areas of choreography, kinesiology, movement behavior, improvisation, dance notation and more. Individual instructors will act as judges for auditions and talent contests, by arrangement. Lecture/demonstrations are available to be taken off campus.

Available to: Concerned parties

Fees: Depend on service.

Information:
Alcine Wiltz, Chair
Department of Dance
UMCP
College Park, MD 20742
(301) 454-4056

Dinner Theatre at the Terabac Room. The most affordable dinner theatre in town is yours on the College Park campus in the Terabac Room ("Cabaret," spelled backwards). See charming shows such as "Guys and Dolls," "Bye-bye Birdie," and "Fiddler on the Roof" performed by collegiate actors, accompanied by a delicious dinner.

Available to: Anyone

Fees: Reasonable fees charged, based on cost of production.

Hours: Dinner, 6:30; Show, 8pm.

Information:
Joseph Mullineaux
Dinner Theatre
1144 South Campus Dining Hall
UMCP
College Park, MD 20742
(301) 454-2901

Dinner Theatre on the Eastern Shore. Showcasing talent at UMES from both its Drama Society and its Hotel and Restaurant Management Department, the Spring Dinner Theatre combines a stage show with delectable cuisine.

Available to: Anyone

Fees: $15 per person in 1987.

Information:
Office of Development
UMES
Princess Anne, MD 21853
(301) 651-2200, ext.206

Ella Fitzgerald Center for the Performing Arts. From its sleek brick exterior to its globe-lighted lobby and 1200 seat auditorium, the Ella Fitzgerald Center is the cultural heart of the UMES campus. The Center may be rented by non-university agencies at the rate of $150 the first day and $75 each ensuing day, with permission granted by the director. Public functions scheduled in the Center in the years since its dedication in October 1974 include recitals, theatrical and dance productions, lectures and conferences. Besides the auditorium, the center houses the UMES Department of Music and has a conference room that seats 36. UMES campus events presented in the Center that are open to the public are announced through the media, on "Focal Point: UMES" (see index), and in the calendar published by the Office of Student Activities at the Student Development Center (see index).

Available to: See above

Fees: See above

Information:
Office of Development/Alumni Affairs
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 206

Improvisations Unlimited. Called "one of the most consistently exciting dance companies in the area" by the *Washington Post*, this UMCP company is based on the art of improvised movement. Given a verbal cue by the director, dancers respond with spontaneous creative movement. Besides improvisation, performances include repertory pieces by a variety of choreographic artists. People of all ages may sign up for the company's dance workshops, rich learning experiences that are also great fun. Special programs are devised for children, introducing them to and involving them in movement. Improvisations Unlimited is available for residencies and out-of-state tours.

Available to: Anyone

Fees: Negotiable

Information:
Meriam Rosen, Director
Improvisations Unlimited
Department of Dance
UMCP
College Park, MD 20742
(301) 454-4847

Japanese Film Center. New under funding from the Japan World Exposition, this UMCP center will maintain a Japanese feature film library, and will host occasional seminars and photography exhibits. A Japanese film course, "Post-War Japan Through Film and Fiction," has already been introduced. Founders: Eleanor Kerkham (Japanese Language and Literature) and Marlene Mayo (History). For an update, please call the hotline, 454-3000.

Maryland Dance Theater. Celebrating its 19th anniversary in 1988, MDT is a brilliantly creative and exuberant professional company in residence at UMCP. MDT brings modern dance to audiences of the National Capital Area, Maryland and surrounding states. Partially funded by the Maryland State Arts Council, the company tries to reciprocate in terms of quality and by never saying no to requests from Maryland communities and schools. In addition to concert performances and a newly developed children's show, MDT can provide master classes and lecture demonstrations in ballet, ethnic dances, jazz and modern dance for junior high through adult groups. The come-true dream of directors Anne and Larry Warren, MDT is one of the few existing modern dance repertory ensembles and the only company in the country coming out of an undergraduate dance program. Dr. Larry Warren, Director.

Available to: Anyone

Fees: Depend on service.

Information:
Jean Spivey, Company Manager
Maryland Dance Theater
Department of Dance, Building EE
UMCP
College Park, MD 20742
(301) 454-3399

Maryland Stage Company. This young theatrical repertory company, founded in 1987 at UMBC, invites talented performers from around the area to audition along with UMBC students and faculty. The ultimate goal is its genesis into a professional theatre company attached to UMBC. So far, so good. The Company's excellent Spring 1987 production: Chekhov's "The Three Sisters," in April and May. All performances currently held at UMBC.

Available to: Anyone

Fees: Ticket prices vary.

Information:
Xerxes Mehta
Artistic Director
Maryland Stage Company
Department of Theatre
UMBC
Baltimore, MD 21228
(301) 455-2945 or 2179

Maryland Summer Institute for the Creative and Performing Arts. MSICPA makes a wonderful contribution to the cultural life of area residents by bringing some of the foremost talent in the worlds of art, music, drama and dance to the College Park campus every summer. Besides giving public performances (usually held in the evening), the artists often conduct workshops, master classes and seminars which add up to valuable professional career training for serious students. Among the great names appearing in recent past summer sessions are Mistoslav Rostropovich, Sir Yehudi Menuhin, Jazz Tap Ensemble, Momiy and the Hartford Ballet. Sponsor of the annual UM International Piano Festival and William Kapell Competition. In summer 1988 the Institute also brought to UMCP the first World Cello Congress (Nancy Reagan, Honorary Chair) and the first National Orchestral Institute.

Available to: Anyone

Fees: Tickets for public events vary from FREE to $12 each. Conference fees range from $8 for a single class to $225 for 10 days.

Publications: Summer program announcement brochures. Quarterly newsletter published by Friends of MSICPA. (Both available upon request.)

Dates: Annually, in June and July.

Information:
George Moquin, Executive Director
MSICPA
Office of Summer Programs
UMCP
College Park, MD 20742
(301) 454-5910

Performing Arts Resource File. Information about entertainment for hire local, regional and national. This file includes cultural programs, novelty acts, dinner theaters, contemporary music and more, and it's available to you for browsing in the Adele H. Stamp Student Union at UMCP.

Available to: Anyone

Fees: FREE

Information:
Adele H. Stamp Student Union Programs
UMCP
College Park, MD 20742
(301) 454-4987

Phoenix Repertory Dance Company. In spring 1983 the Phoenix Repertory Dance Company rose from the ashes of the original Impetus dance group at UMBC. Elizabeth Walton, Executive Director, describes Phoenix: "What makes us unique is the repertory, the mix of modern, jazz and theatrical dance." The company will perform in outlying Maryland counties as well as in Baltimore. Demonstrations and master classes are also offered.

Available to: Anyone

Fees: Performance booking, $500 to $2,500; UMBC tickets, usually $4 to $8.

Information:
Carol Hess, Artistic Director
Phoenix Repertory Dance Company
Fine Arts 421
UMBC
Baltimore, MD 21228
(301) 455-2065 or 2179

"Progressions" Series. Presented annually in the Spring, Progressions is a UMBC on-campus series of fine experimental artists, films, and stage performances open to the public. Recent Progressions fare: electronic jazz, a filmmaker/performance artist, experimental percussionists. Ask for a FREE brochure in January.

Available to: Anyone

Fees: Some FREE; others $4-$6.

Information:
University Relations Office
Administration Building
UMBC
Baltimore, MD 21228
(301) 454-2901

Rudolph E. Pugliese Theatre. Intimate theatre at its best. Used by UMCP's University Theatre for at least four productions a season, the Pugliese Theatre offers tiered seating for 100, and is located in the Tawes Fine Arts Building on campus.

Available to: Anyone

Fees: Vary, single tickets and discounted season subscriptions available.

Information:
Tickets and schedules 11am to 4pm.
Other questions to:
Manager
UMCP
College Park, MD 20742
(301) 454-2202

"Shakespeare on Wheels." Forsooth, the Bard himself would applaud UMBC's innovative touring theatre which transports his plays to various locations during the Summer months. Student performers accompany the portable replica of an authentic Elizabethan stage constructed on a flatbed truck. On tour Summer 1988: "A Comedy of Errors." For comfortable seating, please bring your own chair, blankets. Picnicking is welcome. William T. Brown, Chair.

Available to: Anyone

Fees: FREE

Publications: Brochure giving summer touring schedule, FREE upon request.

Information:
Tour Manager
UMBC
Baltimore, MD 21228
(301) 455-2476

Tawes Theatre. Lighted for an evening performance, Tawes' white columned portico is visible at a distance to people entering the UMCP campus from the west. Modern in construction but traditional in style, the theatre seats 1348 for presentations from all the performing arts, both collegiate and professional. Most shows are open to the public. (Tawes is part of the J. Millard Tawes Fine Arts Building) Tawes Theatre features accessible parking, entrances, restrooms, and seating for people who have physical disabilities. A free infrared listening system is available at all performances.

Available to: Anyone

Fees: Vary, single tickets and discounted season subscriptions available.

Information:
Tickets and schedules 11am to 4pm, **454-2201**. Other questions to:
Manager Tawes Theatre
UMCP
College Park, MD 20742
(301) 454-2202

Theatre Department, UMBC. The stage at UMBC is the heart of this academic unit. Four full-scale productions a year are presented by the Theatre Department (two in spring, two in fall), and other performances—whether by other departments or by visiting artists who require use of the theatre—are scheduled through this department. Six UMBC Theatre Department productions have been invited to the American College Theatre Fes-

tival regional competitions. A calendar of events is published at the beginning of each academic year. The UMBC Theatre is an intimate 180-seat house. Faculty members of the Theatre Department participate as panelists and consultants to community groups such as Center Stage, Theatre Project, and The High School for the Performing Arts. Students interested in studying acting and theatre design may inquire about the department scholarship. When available, the Theatre Department will bring special performances to hospitals, retirement homes, and other community groups by arrangement. Special theatre tours and/or discussion sessions with the production company available upon request.

Available to: Anyone

Fees: Minimal admission charge. Low group rates are available. Call 455-2476.

Information:
William T. Brown, Chair
Theatre Department
UMBC
Baltimore, MD 21228
(301) 455-2949

University Theatre. Top notch theatre is presented Fall and Spring semester by UMCP's University Theatre troupe. By subscribing for the season, you save on an already affordable rate and students and senior citizens enjoy an additional discount. A typical season might include Shakespeare, musical comedy, and contemporary drama. For summer theatre, call Office of Special Summer Programs, 454-3347. Productions are staged in Tawes Theatre and the more intimate Rudolph E. Pugliese Theatre, both located in the J. Millard Tawes Fine Arts Building. Tawes Theatre is equipped with a free infrared listening system. Most productions in Tawes Theatre feature audio description for blind and low-vision theatregoers and sign language interpretation. Both theatres feature accessible parking; entrances, restrooms and seating for people who have physical disabilities. For Maryland school teachers, ask about special University Theatre performances for your classes and free study guides for you. Gregg Stull, Manager.

Available to: Anyone

Fees: See above

Publications: Brochures of season and special offerings available upon request. Play study guides for school teachers.

Information:
University Theatre
Tawes Theatre Box Office
UMCP
College Park, MD 20742
(301) 454-2201

TRAVEL AND OUTDOOR RECREATION

Audubon Wildlife Film Series. See index.

Cruise Factory, The. A travel program sponsored by UMCP's Wanderlust Unlimited. Three cruise itineraries featured in 1985-86, the first to Mexico, Jamaica and the Grand Caymans. For information call 575-7272 or Wanderlust Unlimited, see index.

8K Run for Kids. Open to runners of all ages and experience, this annual race begins at Rash Field, continues up Key Highway to Fort McHenry, around the fort and back to Rash. The race is held in late March, and proceeds benefit the UMMS Children's Cancer Center.

Available to: Anyone

Fees: Entry fee, $7 to $9; spectators, FREE.

Information:
UMAB University Relations
(301) 328-3800

Intercollegiate Equestrian Team. Follow the horses? This club-sport level competition riding team from the College Park campus travels to meets all over the East Coast. Membership is open to any member of the University community; experience is not required.

Available to: Anyone, as spectator; University community, as participants.

Fees: Vary to participants; FREE to spectators.

Information:
Dr. Edwin E. Goodwin
Intercollegiate Equestrian Team
Department of Animal Science
UMCP
College Park, MD 20742
(301) 454-4641

Joseph and Rebecca Meyerhoff Center for Jewish Studies. Study and participation in archaeological digs in Israel. See index.

Office of Special Sessions, UMBC. Offers exciting travel courses abroad, for example to Greece plus the islands of Crete and Rhodes. See index.

Outdoor Recreation, UMBC. The Outdoor Recreation Center helps meet the growing demand for more physical activity by renting canoes, sailboats, tents and backpacks at reasonable rates. Also available is a complete resource library with information on the State's hiking trails, camping facilities and boating opportunities. Basic sailing classes are offered every summer for groups of four or more. Center staff will help you plan a canoe or backpack trip from start to finish.

Available to: Students, faculty, staff, alumni and community.

Fees: Depend on service.

Publications: *Time Out Quarterly Newsletter.*

Information:
Michael Ellington
Assistant Director/Operations
University Center
UMBC
Baltimore, MD 21228
(301) 455-3460

Outdoor Recreation Committee. Plans, organizes, and promotes quality outdoor trips and special events. Programs are open to the surrounding UMCP community. Workshops offered FREE on such outdoor challenges as winter back-packing, downhill skiing, caving, rockclimbing, sailing and rafting. Weekend and day trips are coordinated to the workshops.

Available to: Anyone

Fees: Workshops usually FREE; trips minimal.

Publications: *Venture Out*, an outdoor newsletter that includes workshop and trip information.

Information:
Gretchen Van der Veer
Adele H. Stamp Student Union Programs
UMCP
College Park, MD 20742
(301) 454-4987

Outhaus. Going on a trip and need gear? Outhaus can supply you with the right equipment. Tents, backpacks and sleeping bags are available, as well as coolers, stoves, and lanterns. A wide selection of daypacks is in stock for sale, and will special order backpacks, outerwear, sleeping bags, etc. Outhaus resource files offer informative brochures on all 50 states and many foreign countries. In addition, publications on many types of outdoor activities are available, including current magazines and equipment catalogs. Qualified staff will help you find a place to spend your Saturday afternoon or your whole vacation. Organized excursions are sponsored by the Outdoor Recreation Committee. Outhaus location: Adele H. Stamp Student Union lower level; call for hours.

Available to: Sales and information, anyone. Rentals to students, faculty, staff and alumni association members.

Fee: Information, free; rentals and sales priced by item.

Information:
Fay Sharman, Manager
Outhaus
Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-2186 or 4987

Recreation, Department of. The fields of public recreation, private and commercial recreation, travel and tourism, resource management and therapeutic recreation have enjoyed tremendous growth in the past few years. This UMCP academic unit can respond to requests for inservice training, program development, master planning efforts, site development, operational studies, and a range of consultation efforts through its new Field Service Unit. Submission of Requests For Proposals and requests for any type of field-based research and/or service need are encouraged. The Department also assists agencies, departments and institutions in the state and region, and through its field work and experiential learning courses involves students in service efforts at the local, state and national levels.

Available to: Interested agencies, businesses, institutions and clinical-rehabilitation settings.

Fees: Depend on nature and extent of service requested. No fee to agency for affiliation as an experiential learning site.

Information:
Dr. Fred Humphrey, Chair
Department of Recreation
2367 PERH Building
UMCP
College Park, MD 20742
(301) 454-2930

Running and Jogging Routes. Available at UMCP from the concourse at Cole Field House to golf course's perimeter trail. Brochure describing twelve possibilities on request from Campus Recreation Services. See index or call (301) 454-3124.

Terrapin Trot. The annual Terrapin Trot, a 10 kilometer (6.2 miles) footrace through the beautiful College Park campus, was initiated in 1980 and has been run each year in October. Over 650 runners participate; each receives an official Terrapin Trot T-shirt and is eligible to compete for prizes in age groups for men and women. 1988 date: Sunday, October 23rd at 9am.

Available to: Anyone

Fees: Advance entry fee and slightly higher race day entry fee, T-shirt included.

Information:
Registration forms available from
Adele H. Stamp Student Union Programs
0221 Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-4987

Wanderlust Unlimited. Come on, world travelers. Do it the easy way via Wanderlust Unlimited. Reserve approximately seven Monday evenings or Sunday afternoons a year to hear distinguished film lecturers present their travel and adventure films in the Hoff Theater at UMCP. Presentations in the 1989-89 series include such irresistibles as "North to the Top of the World" and "Portraits of the Great Far East."

Available to: Anyone

Fees: Series ticket for reserved seat, $25 adult; $18 alumni, faculty, staff, or senior citizen; $12 child under 16 or UMCP student. Single ticket, $4, $3, or $2, as above. Seven Sunday afternoons at 3, or Monday evenings at 8.

Publications: FREE brochure upon request.

Information:
Wanderlust Unlimited
Program Office
0221 Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-4987

For more information or liaison, let us help.
Call the public service hotline...

(301) 454-3000

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CHAPTER SIX

LIBRARIES

AT UMAB

Clinical Media Library. The media library for the University of Maryland Medical System has a selection of books, video cassette tapes and slide shows on a variety of topics ranging from respiratory assistance to surgical technology. Some PLATO materials are available. Lecture and other announcements are posted.

Available to: Anyone

Fees: None; interlibrary loan FREE if affiliated with UM; $10 per item if not affiliated.

Hours: During school year M-F, 10am to 10pm.

Information:
Mary Kidd
Clinical Media Library
Room 1-005, Bressler Research Building
UMAB
Baltimore, MD 21201
(301) 328-5823

Health Sciences Library. The University of Maryland Health Sciences Library is located in downtown Baltimore and celebrated its 175th anniversary in June 1988. The library houses more than 270,000 volumes, all catalogued on a computerized on-line system. The main emphasis is on the literature of medicine, pharmacy, nursing, dentistry and social work. Workshops on searching MEDLINE, HEALTH and other files are periodically offered for health professionals who want to do literature searches. Through a contract with the National Library of Medicine, the Health Sciences Library was designated the Regional Medical Library for the ten Southeastern Atlantic states and the District of Columbia. By promoting the development of health sciences libraries and librarians, the regional program aims to improve access to information by health professionals. For additional information call 328-2855.

The Integrated Library Information System (ILIS) provides electronic access to the Health Sciences Library's online catalog and other reference services 24 hours a day. The online catalog contains information about the book and journal collections of the library. The catalog may be accessed through terminals in the library or through remote terminals or microcomputers. For additional information on accessing the online catalog call 328-7996.

Electronic Access to Reference Service (EARS) is a component of the ILIS which enables users to request 1) a computerized literature search, 2) a photocopy of a journal article, 3) a book not owned by the library, or 4) reference information. A valid University of Maryland at Baltimore fund and budget number is required at the time the request is made through EARS. The current fee for each service is displayed online. For additional information about EARS call 328-7996.

Other services include:

1. In-person reference service.
2. Telephone reference service; call (301) 328-7996.
3. Computerized bibliographic searches; for fee schedule, call (301) 328-7373.
4. Interlibrary loan service to other libraries in Maryland; for fee schedule, call (301) 328-2855.

Available to: Anyone with an academic, institutional or professional I.D. may enter and use collection on site; University I.D. required to borrow.

Fees: Usually FREE (see above).

Hours: M-F, 8am to 10pm; Sat, 9am to 5pm; Sun, 12 noon to 8pm. (Special summer and holiday hours are posted.)

Information:
Mr. Cyril C. H. Feng, Director
Health Sciences Library
UMAB
111 South Greene St.
Baltimore, MD 21201
(301) 328-7545

Thurgood Marshall Law Library. Completed in October 1980, UMAB's 4-story law library is connected to the existing law school both physically and in complementary architectural design. Among the approximately 250,000 volumes are those in The Brune Room, named for the late Judge Frederick W. Brune. Each is considered a rare book, many of them from Judge Brune's personal collection. Within the Brune Room is the Carroll Collection, rare books originally collected by John Carroll, the famous Baltimore attorney. The library's audio-visual department offers American Bar Association sample trial tapes and the Irving Younger evidence series. Small law firms and solo practitioners are invited to inquire about the library's new LEXIS Group Membership Program which makes the computerized legal research database affordable.

Available to: University of Maryland students, faculty and staff; students of area universities; Maryland Bar Association members; state agency personnel; and others with valid photo identification.

Fees: FREE

Hours: M-Th, 8am to midnight; F, 8am to 11pm; Sat, 9am to 9pm; Sun, 9am to midnight.

Information:
Barbara Gontrum, Director
Thurgood Marshall Law Library
UMAB
20 N. Paca St.
Baltimore, MD 21201
(301) 328-7270

AT UMBC

Albin O. Kuhn Library and Gallery. The Kuhn Library, UMBC, has a general collection of approximately 450,000 volumes. The main catalog, reference room and circulation/reserve desk are all on the entrance floor. For interested users there is a collection of United States Government Publications (455-2358); a Special Collections Room with rare materials in photography, science fiction, Marylandia, and microbiology (455-2353); a Reference Collection which answers inquiries, gives library tours and instruction, and maintains local history and genealogical sources (455-2346); a Slide Library in the Fine Arts Building which supports faculty and student interest in art, archaeology and other major and minor art areas (455-2956); and a Record/Tape Library which is particularly strong in classical music, ethnomusicology, jazz, and Appalachian/traditional music (455-2332). Another don't-miss area, the Library Art Gallery (see index).

Available to: Anyone to browse; approved academic ID required to borrow, or by interlibrary loan arrangement.

Fees: FREE

Hours: M-Th, 8am to 11pm; F, 8am to 6pm; Sat, noon to 6pm; Sun, 1pm to 9pm.

Information:
Billy R. Wilkinson, Director
Albin O. Kuhn Library and Gallery
UMBC
Baltimore, MD 21228
(301) 455-2356

Career Libraries. In the career development and placement centers of UMBC, UMCP and UMES. See index.

Counseling Reference Library. Counseling Center, UMBC. See index.

Outdoor Recreation Center Resource Library, UMBC. Information on Maryland hiking trails, camping facilities and boating opportunities. See index.

AT UMCP

University of Maryland College Park Libraries. You are welcome. Anyone may use open stacks for books and periodicals. However, there are certain restricted collections, such as the nonprint media collection, for which a borrower's card is required even for on-site use. And to check a book out, a card is always necessary. A special borrower's card is available under the following circumstances:

1. Graduates of the University of Maryland System who belong to Alumni Association International may request borrowing privileges at the time they purchase their Alumni Association membership through the Alumni Affairs Office of Central Administration (853-3703).

2. "Visiting scholars" may write a letter substantiating that claim and requesting a special borrower's card from the Director of Libraries, McKeldin Library, UMCP, College Park, MD 20742.

3. Research assistants to faculty members of the University may follow the same step.

4. Contributors of $100 or more per year to Friends of the University of Maryland College Park Libraries are eligible for a special borrowers card, which they may request from the Development Office, McKeldin Library, UMCP, College Park, MD 20742, (301-454-8979). President's Club members are also eligible for special borrowers cards. If you request a card, please include your name, home mailing address, telephone, and social security number for the library card application.

5. Persons with a current library card from participating Maryland state libraries may request University library books through the interlibrary loan system.

6. For library borrowing privileges at other UM member institution libraries, please inquire at the specific campus's library.

The UM Online Public Catalog is now available for access by anyone using a personal computer connected to a modem. Most of the materials in the libraries at UMBC, UMES, and UMAB-Law, as well as materials added since 1983 to UMCP libraries are listed. For assistance call:

UMAB: 328-6502

UMBC: 455-2346

UMCP: 454-5704

UMES: 651-2200 (ext. 661)

UMUC: Any of above

Other UM System Libraries: Call for information.

Information:
Dr. H. Joanne Harrar
Director of Libraries
McKeldin Library
UMCP
College Park, MD 20742
(301) 454-3011

Architecture Library. Located on the upper floor of UMCP's School of Architecture, the Architecture Library has material not only on architecture but on such related subjects as urban planning, building technology, and landscape architecture. With a total of 26,000 volumes, it is one of the best architecture collections in the country. Five hundred of these are special volumes on world expositions from 1851-1937, and others include rare architecture books dating from the seventeenth century. Since June 1986, the Architecture Library includes the National Trust for Historic Preservation Library, the most complete collection in existence on the preservation of American buildings and sites.

Available to: Anyone for browsing.

Fees: FREE

Hours: Fall and spring, M-Th, 8:30am to 10pm; F, 8:30am to 5pm; Sat, 1pm to 5pm; Sun, 5pm to 10pm. Summer, M-F, 9am to 5pm.

Information:
Sally Sims, Head
Architecture Library
School of Architecture
UMCP
College Park, MD 20742
(301) 454-4316

Art Library. Located near the Art Gallery at UMCP, the Art Library features collections of materials on art history, studio art and related arts. The library's staff can introduce you to the large collection of art reproductions and art exhibition catalogs.

Available to: Anyone for browsing.

Fees: FREE

Hours: M-Th, 8:30am to 10pm; F, 8:30am to 5pm; Sat, 10 am to 5pm; Sun, 1pm to 10pm.

Information:
Courtney Shaw, Head
The Art Library
Art-Sociology Building
UMCP
College Park, MD 20742
(301) 454-2065

Career Libraries. In the career development and placement centers of UM System member institutions. See index.

College of Library and Information Services. Librarians now working in the National Capital Area will find many good reasons to touch base with this UMCP academic unit. Besides being designated as a U.S. Information Center for the Universal Decimal Classification, the College offers numerous workshops and symposia on aspects of modern librarianship. Sample: Data Base Design for Microcomputers. The College of Library and

Information Services has its own specialized library, which also includes a delightful collection of children's literature. Library science interns are coordinated through the College, as well. Dr. Claude E. Walston, Dean.

Some of the College's outreach units are:

Library Administrators Development Program: a two-week course in managerial sophistication for librarians given annually in early May; fee of $1,895 (1987) includes tuition, room and board, materials. Certificate awarded. (454-6080).

Educational Media Certification Program: offers educational preparation for Maryland state certification for library media personnel. Time, place and fees by arrangement. (454-2374).

Archives, Manuscripts and Historical Collections: consults in records management and offers unique colloquia and demonstrations in this specialty. (454-5790).

Geography/Library Science Program: leads to dual degree with full training in computer-based spatial analysis and information management.

Continuing Education: responds to continuing education needs of librarians and information specialists with courses and workshops. Time, place and fees by arrangement. (454-3016).

Information Science/Computer Applications/Networking: information services for the new information professionals utilizing microcomputers and main frame computers. 454-5453).

Available to: Concerned parties

Fees: Depend on service.

Publications: FREE faculty and alumni newsletters.

Information:
Esther Herman
College of Library and Information Services
3114 Hornbake Library
UMCP
College Park, MD 20742
(301) 454-2590

College of Library and Information Services (CLIS) Library. On the second floor, south side, of UMCP's Hornbake Undergraduate Library, the College of Library and Information Services Library has special collections emphasizing library science and information storage and retrieval. An unexpected treasure also found here is the extensive children's literature collection.

Available to: Anyone for browsing.

Fees: FREE

Information:
William G. Wilson, Librarian
CLIS Library
Second Floor, Hornbake Library
UMCP
College Park, MD 20742
(301) 454-6003

Computer-Assisted Research Service (CARS). Suppose you need a bibliography or a set of facts on a specific topic. With a reference librarian as intermediary, you can use UMCP's CARS system to search a database for the most up-to-date information in the sciences, the social sciences or the humanities. CARS reference service is available at McKeldin Library (454-5704), White Memorial Library (454-2609), or the Engineering and Physical Sciences Library (454-3037). Cost of a search varies depending on 1) the databases used, 2) the number and format of citations requested, and 3) the length of the search.

Besides CARS, a new research option: patrons may now search databases themselves on CD-ROMS (computer disk-read only memory) using the libraries' microcomputers. Available at McKeldin, Hornbake, and Engineering and Physical Sciences Libraries. Subject areas include patent searches, business, education, psychology, and life sciences.

Available to: Anyone

Fees: As above

Information:
As above

Counseling Occupational Library. Counseling Center, UMCP. See index.

Energy Research Library. Toward controlled thermonuclear fusion. Located in the Laboratory for Plasma and Fusion Energy Studies. See index.

Engineering and Physical Sciences Library. Contains material on engineering, mathematics, astronomy, physics, computer science, earth science, and related subjects. The Engineering and Physical Sciences Library at UMCP can be found in the north wing of the Mathematics Building. There are approximately 240,000 volumes of books and journals, 1,400,000 technical reports, a complete collection of U.S. patents, as

well as a choice of computerized search services. The library owns a rare $3 million set of microfiche containing all the research reports ever done for NASA.

Available to: For browsing-anyone. For borrowing-UMCP faculty, students, staff, and special borrowers.

Fees: Nominal for computer data base access.

Hours: M-Th, 8am to midnight; F, 8am to 8pm; Sat, 10am to 8pm; Sun, noon to midnight.

Information:
Herbert Foerstel, Head
Engineering and Physical Sciences Library
Mathematics Building
UMCP
College Park, MD 20742
(301) 454-3037 or 3039

Engineering Performance Reference Library. Information about structural failures, located in the Architecture and Engineering Performance Information Center. See index.

R. Lee Hornbake Library. Driving up Campus Drive from Rt. 1, you'll see Hornbake Library on your right as you round the circle with the big M. (Metered parking in the parking garage to the rear.) The main feature of this library is a general collection of books, periodicals, pamphlets and other materials selected to serve the undergraduate student body.

At the Information Desk on the first floor, staff is available to answer questions about library collections, services and the campus. Also on this floor is the General Reading Room which provides a large number of books for leisure reading. The Reserve Room, on the ground floor under the mall, has required reading material for undergraduate courses. Hornbake Library has the most study space of all UMCP libraries, including a 24 hour study room during the fall and spring semesters.

Hornbake has a special study room for visually impaired students which houses its Kurzweil Reading Machine. Donated by the Xerox Corporation, the KRM converts printed material into a synthetic voice. Hornbake Library also houses the libraries' Nonprint Media Services Department, and the Music Library. Take a "self-guided Tour of Hornbake Library," available at the Information Desk.

Available to: Anyone for browsing; there are restrictions on some materials.

Fees: FREE

Hours: M-Th, 8am to 11pm; F, 8am to 5pm; Sat, 10am to 5pm; Sun, noon to 11pm. Late Night Study Room is open continuously 24 hours a day during academic semesters. Hours vary during the summer and between semesters.

Information:
R. Lee Hornbake Library
UMCP
College Park, MD 20742
Circulation Desk: **(301) 454-4727**
Reference Desk: **(301) 454-4737**

The M. Lucia James Curriculum Laboratory. Education library on the College Park Campus. See index.

Maryland Organization Resource Center. Housed in a room in UMCP's Adele H. Stamp Student Union, the Maryland Organization Resource Center is a collection of over 2000 books, articles and brochures on leadership and organizational development. Choice of 56 topics includes time management, motivation, personal leadership styles.

Available to: Anyone

Fees: FREE; fee for duplicating material.

Information:
Michael Cuyjet, Director
Campus Activities
1191 Adele H. Stamp Student Union Building
UMCP
College Park, MD 20742
(301) 454-5605

McKeldin Library. McKeldin Library, the largest library on UMCP's campus, looks down the full length of the old mall to the administration buildings. A multi-million dollar expansion and renovation of McKeldin begun in 1987 will significantly increase McKeldin's shelf and seating space to better accommodate library users. McKeldin's extensive collections cover nearly every subject, but are especially strong in the life sciences, social sciences, and humanities. In addition to books, periodicals, newspapers and microforms, McKeldin also maintains the following special collections:

East Asia Collection: nearly 60,000 Chinese, Japanese, and Korean language books, periodicals and newspapers as well as Western language reference books about East Asia. The EAC houses the Gordon W. Prange Collection of censored publications from the Allied Occupation of Japan, 1946-49. Third floor, 454-2819/5459.

Documents/Maps: regional depository of United States government publications for Maryland and the District of Columbia users; maps from various sources including topographical, nautical, road, landform and others; state agricultural experimental station documents covering all states; and documents from international agencies such as UN, FAO, ILO, WB, and OAS. Third floor, 454-3034.

Historical Manuscripts and Archives: personal and family papers, the records of organizations, photographs, oral history records, and memorabilia - many of direct Maryland interest, and official records and publications of the University of Maryland College Park. Among other special collections are the papers of former U.S. Senators Millard Tydings and Joseph Tydings, U.S. Representative Marjorie Holt, Maryland Governors Theodore McKeldin and Albert C. Richie, and Vice President Spiro T. Agnew. Fourth floor, 454-2318; consult for specific hours of service.

Katherine Anne Porter Room: books, photographs and memorabilia of the distinguished American author are displayed. Third floor, 454-4020.

Marylandia: a comprehensive collection of published works about Maryland, both historical and current, Maryland State documents (as a legally designated depository), and maps of Maryland and the Chesapeake Bay region. Fourth floor, 454-3035; consult for specific hours of service.

Rare Books and Literary Manuscripts: collections of rare books in a wide range of scholarly fields and personal papers and textual manuscripts of American and English authors of the modern period. Fourth floor, 454-4020; consult for specific hours of service.

Inquire about the Computer-Assisted Research Service (CARS) available at McKeldin (see index).

Available to: Anyone for browsing.

Fees: FREE. Nominal charge for CARS.

Hours: M-Th, 8am to 11pm; F, 8am to 6pm; Sat, 10am to 6pm; Sun, noon to 11pm.

Information:
McKeldin Library
UMCP
College Park, MD 20742
(301) 454-2853
(301) 454-5704 (Reference Desk)

Music Library. Located on the third floor of the Hornbake Library, the Music Library is UMCP's principal repository for music and dance materials of all kinds. The collections contain sheet music, music scores, books about music, periodicals, sound recordings, manuscripts, photographs and clippings. The Music Library houses the International Piano Archives at Maryland, one of the world's largest assemblings of piano recordings and literature about pianists. Also part of the Music Library is the Special Collections in Music, an archives of national and international music organizations, including the American Bandmasters Association, the Music Educators National Conference, and the Music Library Association. Other special collections of the Music Library are the Jacob Coopersmith collection of Handeliana, the Alfred Wallenstein collection of orchestral scores and parts, and the Andre Kostelanetz collection of orchestral parts in manuscript.

Available to: Anyone for browsing or study. Loans with UMCP library borrower's card.

Fees: FREE

Hours: M-Th, 8am to 11pm; F, 8am to 5pm; Sat, 10am to 5pm; Sun, noon to 11pm.

Information:
Neil Ratliff, Head
Music Library
Third Floor
R. Lee Hornbake Library Building
UMCP
College Park, MD 20742
Music Reference and Circulation:
(301) 454-3036
Special Collections in Music:
(301) 454-5611
International Piano Archives:
(301) 454-6479

Nonprint Media Services. As the central audiovisual department for the UMCP Libraries, Nonprint Media Services supports all programs offered at the College Park campus. Its collection contains audio and video cassettes on everything from poetry to major video series. New purchase: Video Encyclopedia of the 20th Century, an audio/visual supplement to textbook history; among the images preserved are the courtroom debates of the Scopes evolution trial, Jesse Owens winning four Gold Medals in 1936, and segments on Martin Luther King, Adolf Hitler, and other famous figures. Sample fare from other collections: "NOVA," Shakespeare plays, presidential speeches. The department's Film Collection Unit contains a large number of 16mm films on various subjects with emphasis on agriculture, health, nutrition and business. Among the viewing and listening facilities is "Dial Access," an electronic distribution system which allows individual viewing of 10 different video programs in 96 individual carrels.

Available to: Anyone with UMCP library borrower's card (see index).

Fees: FREE

Information:
Allen Rough, Head
Nonprint Media Services (454-4723)
Film Collection Unit (454-3549)
Fourth Floor, North Wing
R. Lee Hornbake Library Building
UMCP
College Park, MD 20742

Preservation Department. One year old in Fall 1988, Preservation is a department of UMCP Libraries, located on the main floor of McKeldin Library. Care and protection of library materials includes commercially binding books and periodicals, restoring and repairing damaged materials, and taking measures to minimize the damage of excess humidity or flood. Specialists re-attach spines, provide new covers, and tip in missing pages. The Preservation Department has two established units: Bindery and Processing. In the planning states are two more: Restoration-and-Repair and a Materials Program. Anyone interested in the work and activities of document preservation is invited to call **454-2785**.

White Memorial (Chemistry) Library. The major subject areas of UMCP's White Memorial Library are chemistry and microbiology. Materials include a large number of periodicals, major indexes, a well-developed spectra collection. Ask at the desk about the Computer-Assisted Research Service (CARS, see index) and other White Memorial Library services.

Available to: Anyone for browsing.

Fees: FREE

Hours: M-Th, 8am to 11pm; F, 8am to 5pm; Sat, 10am to 5pm; Sun, 2pm to 11pm.

Information:
Elizabeth McElroy, Head
White Memorial Library
Room 1526, Chemistry Building
UMCP
College Park, MD 20742
(301) 454-2609

AT UMES

Career Libraries. In the career development and placement centers of UM System member institutions. See index.

Frederick Douglass Library. A white pillared cornerstone building on the UMES mall, the Frederick Douglass Library offers over 124,000 volumes as well as periodicals, microfilm, and other non-print media. Named in honor of a noted black writer, journalist and orator, the two-story Frederick Douglass Library includes an auditorium, two conference rooms and Non-Print Media services. It was erected in 1968. In 1982 reports that resulted from $1.5 billion of research supported by the National Institute of Child Health and Development were donated to UMES where they are housed in the Frederick Douglass Library. The University will be a continuing repository for the Institute's scientific reports, making it a unique research resource.

The Frederick Douglass Library is participating in the University of Maryland Libraries Information Management System to automate all functions within the library over a five-to-seven year period, which will provide access to total collections and enhance resource sharing. Access to national bibliographic databases through DIALOG is available. The library is also involved with Project FULCRUM (Facilities for Understanding Learning and Creative Research at the University of Maryland) which is designed to explore and develop both curricula and technologies.

The Frederick Douglass Library is exploring the development of an innovative expert system to inform and assist patrons of the university library, particularly students, in the utilization of the library for research activities. The system is being developed to run on interconnected personal computers.

Available to: Borrower's cards may be issued in the following categories: UMES students, faculty, researchers, alumni, senior citizens and special borrowers, i.e. students of other UM System campuses and Wor-Wic Tech Community College staff and student bodies.

Fees: FREE, except for computerized literature searches, which vary. Check at reference desk.

Hours: M-Th, 8am to 10pm; F, 8am to 5pm; Sat, 1pm to 4pm; Sun, 6pm to 10pm. Special hours during holidays and summer sessions.

Information:
Jessie C. Smith
Director of Library Services
2110J Frederick Douglass Library
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 260

UMUC

ALL. UMUC students have complete access to the College Park campus Libraries. (See UMCP Library listing in this chapter.)

Library Services. How to make libraries work for you is a skill you can learn from Library Services of University College (the lifelong learning campus). First of all, you'll be informed of available library services in the National Capital Area, with emphasis on those of the College Park campus. Then you'll learn about its workshops to develop information retrieval skills, such as Library Research Skills, Business Information Resources, Starting the Research Project.

Available to: Usually anyone

Fees: Usually FREE. Nominal charge for on-line search services (Info Net).

Publications: FREE handbook of area library resources; FREE brochure of library workshops offered.

Information:
Director
Library Services
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7274

UM SYSTEM LIBRARIES

Other UM System Libraries Six other Maryland colleges and universities became members of the University of Maryland System on July 1, 1988. Here is a brief overview of their libraries based on individual admissions catalog material:

Albert S. Cook Library, Towson State University. A functional, open-stack facility near the center of the TSU campus, the library has seating for 1,500 and offers individual carrels for quiet study, typewriters, reading machines for microforms, A-V equipment, and an electronics repair shop. The collection numbers approximately 990,000 items, including: U.S. and Maryland government documents depositories, a collection of educational resource documents, a collection of early English literature, a strong women's studies collection, and a collection of early American periodicals. Nearby campus is the Maryland Historical Society Library. Information: **321-2462**.

Blackwell Library, Salisbury State University. Centrally located near the heart of campus, the library houses 300,000 items in open stacks including books, bound periodicals, government documents and a curriculum library. The Art Gallery, which sponsors approximately eight exhibitions each academic year, is on the second floor. Information: **543-6000**.

Langsdale Library, University of Baltimore. Located on the corner of Maryland Avenue and Oliver Street, the library houses a collection of over 300,000 volumes and offers a variety of services: library instruction classes, computerized circulation, photocopying equipment for both hard copy and microform, and seminar rooms for group study. An auditorium seating 396 people is located on the first floor, a prime site for lectures, films and special presentations. Information: **625-3141**.

Library, Frostburg State University. The library at FSU is a major facility with space for 300,000 volumes and 900 study carrels. Information: **689-4396**.

Parlett Longworth Moore Library, Coppin State College. In addition to books, periodicals, and audio-visual materials, the library has special collections such as the Library of American Civilization, the Maryland Collection, and the Juvenile Collection. In 1980 the library went on-line with OCLC and LIBS-100 terminals for efficient ordering and dissemination of materials. Information: **333-7370**.

Thurgood Marshall Library, Bowie State University. This three-level building covers three and one half acres, houses 230,000 volumes and can seat 1,050 people. Special collection rooms hold the Maryland Collection and rare materials. Near the entrance are two art galleries. The library welcomes the use of its facilities and services by the local community. Information: **464-7222**.

YOUR HOME LIBRARY

Attic Search. Here's a way to locate out-of-print books, provided as a service by UMCP's University Book Center. If you've been looking for a beloved oldy, Attic Search will try to find it for you at no charge for the initial probe. The time it takes to locate can vary, and price is usually not known until the book is found.

Available to: Anyone

Fees: As above.

Information:
Attic Search
University Book Center
Stamp Student Union Building
UMCP
College Park, MD 20742
(301) 454-7816

Books. Expand your collection with books from University of Maryland System book stores. Check listings and choices in Chapter IX, or call the hotline 454-3000.

BEST COPY AVAILABLE

CHAPTER SEVEN

GOOD HEALTH

ALCOHOLISM AND DRUG ABUSE

Alcohol and Drug Abuse Program. A comprehensive program operated for the public under UMAB's School of Medicine. Besides the clinics and treatment center listed in this section, ADAP is a professional resource for information, speakers and consulting on any compulsive behaviors and addictions. Call to discover the many ways ADAP can help.

Available to: Anyone

Fees: Vary

Information:
David R. McDuff, M.D.
ADAP
UMAB
721 W. Redwood Street
Baltimore, MD 21201
(301) 328-6969

Alcohol and Other Drugs Program, UMCP. Upbeat program of the University Health Center on the College Park campus in which both coordinators and peer educators provide counseling and information. Community or school groups may call upon the program for speakers, counseling, or problem drug use evaluation. The group has worked with Mothers Against Drunk Driving (MADD), for example. A learning resource center and a film collection including "Another Friday Night," and "Until I Get Caught" are available.

Available to: Anyone

Fees: FREE to students; otherwise depends on service.

Publications: Fact sheets and brochure *The University of Maryland Drinking Survival Guide*, FREE upon request.

Information:
Mary Bentley
Program Coordinator
2102 Health Center
UMCP
College Park, MD 20742
(301) 454-4922

Alcoholism Services Out-Patient Clinic. Offers at UMAB both individual and group therapy to change problem drinking behavior, and to help the recovering alcoholic deal with life issues. Treatment plans are tailored to the needs of patients from industry, the judicial system, DWI or the community in general. Additional services for patients in family and work settings.

Available to: Anyone

Fees: Sliding scale and insurance.

Information:
Bill Diehl
Alcohol and Drug Abuse Program
UMAB
721 W. Redwood Street
Baltimore, MD 21201
(301) 328-5157

Aurora-Addiction Services for Women. Aurora offers alcoholism services geared exclusively to women. In housewives, mothers, young professionals or executives, the disease often goes undetected and is often hidden by spouses or family members. Aurora at UMAB can help with treatment as well as therapy and education for the whole family.

Available to: Women and their families.

Fees: Sliding scale and insurance.

Information:
Martha Rick
Alcohol and Drug Abuse Program
UMAB
721 W. Redwood Street
Baltimore, MD 21201
(301) 328-5157

Campus Alcohol Prevention Project. A resource center located in the Frostburg State University library, this program is geared toward drug/alcohol education and prevention. The center is involved in a number of education and prevention outreach programs both on campus and throughout the community. The center is not a counseling facility.

Available to: Anyone

Fees: FREE

Publications: Newsletter currently being developed.

Information:
Tim Malloy
Alcohol/Drug Education Coordinator
Frostburg State University
Frostburg, MD 21532
(301) 689-4761

Center on Drugs and Public Policy. A new multi-disciplinary research unit focusing on the use of prescription drugs, especially ways to make needed medications more accessible to doctors and patients while finding cost-effective methods of paying for them under insurance programs. The Center also prepares papers and sponsors workshops on current drug policy issues such as speeding approval of drugs for life-threatening diseases such as AIDS. Proposals to pay for prescriptions under Medicare are also analyzed.

Available to: Anyone

Fees: Depend on service.

Publications: Brochure describing Center, FREE on request.

Information:
Dr. David A. Knapp, Director
Center on Drugs and Public Policy
UMAB
20 N. Pine Street
Baltimore, MD 21201
(301) 328-7841

Drug Treatment Center. The goal of all treatment at this UMAB Center is a drug-free life style. The Center offers a full range of prevention and treatment services, including a methadone maintenance treatment program for opiate addiction and drug-free counseling. Main focus: individual, group and family therapy. Specialty target groups: pregnant addicts, polydrug or cross addicted patients, general prescription drug abusers, cocaine abusers, women, Vietnam veterans, and those requiring educational assessment or job skills. The Center is equipped to do evaluation screening, urinalysis testing, and to provide excellent follow-up with aftercare and support services. Staffed by physicians and licensed social workers.

Available to: Drug Abusers

Fees: Sliding scale

Information:
Stuart A. Tiegel, MSW, LCSW
Alcohol and Drug Abuse Program
UMAB
721 W. Redwood Street
Baltimore, MD 21201
(301) 837-3313

Maryland Data Base on Drug Treatment and Prevention. Complete information on drug treatment and prevention programs throughout Maryland offered free to citizens, state and local government agencies, and other concerned parties. Computer accessible via modem. This new UMCP project made possible by funding from the Governor's Office of Justice Assistance.

Available to: As above

Fees: FREE

Information:
Dr. Glen Gilbert, Chair
Dr. Robert Gold, Graduate Studies Director
Department of Health Education
UMCP
College Park, Maryland 20742
(301) 454-1761

Professionals' Treatment Program. Physicians, nurses, pharmacists, dentists and other professionals frequently have special needs because of their drinking or drug abuse related problems. This UMAB Program provides services to free them from substance abuse before it totally jeopardizes professional functioning. Employee assistance services, DWI evaluations, peer counseling, therapy groups, and individual therapy are offered at convenient times during the week. Service is completely confidential and can involve spouses and other significant individuals if desired.

Available to: Any professional

Fees: Variable, usually covered by insurance.

Information:
David R. McDuff, M.D.
Alcohol and Drug Abuse Program
UMAB
721 W. Redwood Street
Baltimore, MD 21201
(301) 328-6969

Screening and Evaluation for Alcoholism and Drug Abuse. Located in the Adult Emergency Room of the UM hospital, services are from 8am to 6pm and include screening evaluations and referrals. Information, 328-5227.

Student Committee on Drug Abuse Education (SCODAE). SCODAE is a volunteer organization of UMAB pharmacy students who serve as a source of unbiased information concerning drugs. Specific programs: drug effects on fetal development, effects of alcohol and marijuana on driving skills, and a comprehensive 5-hour drug education program for junior high students. Educational programs are presented to schools and community groups, and SCODAE members answer non-emergency drug information requests from health professionals and the lay public. Educational programs for clinicians in the addictions field are provided for a fee. Tony Tommasello, Director.

Available to: Anyone

Fees: Travel expenses charged for program presentations; fee charged for professional education programs.

Publications: *PharmAlert*, technical newsletter containing updated drug abuse information, $7.50 year.

Information:
Gwen Simmons
SCODAE
School of Pharmacy
UMAB
20 N. Pine Street
Baltimore, MD 21201
(301) 328-7513

Teen Institute for Alcohol and Drug Prevention. An annual camp for inner-city adolescents that helps them learn to say no to drugs, alcohol and peer pressure. Week-long session in the country includes recreation, seminars and counseling. For information, please call the hotline, 454-3000.

DENTAL CLINICS

Advanced General Dentistry. The AGD program provides comprehensive family dental treatment for selected patients with complex dental needs. Treatment is provided by graduate dentists and faculty daily.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. James Gingell
Acting Director
Advanced General Dentistry
Dental School
UMAB
666 W. Baltimore Street
Baltimore, MD 21201
(301) 328-2940

Baltimore College of Dental Surgery, Dental School. As the state of Maryland's center for dentistry, UMAB's Dental School provides teaching and research activities along with comprehensive care and consultative services for the full range of dental problems. Services include all clinics listed below. The treatment facilities in Hayden-Harris Hall receive over 100,000 patient visits per year.

Available to: Anyone

Fees: Depend on service.

Publications: Brochure *Dental Care for You and Your Family* on request.

Information:
Dr. Gary A. Colangelo
Director of Clinics
Dental School
UMAB
666 W. Baltimore Street
Baltimore, MD 21201
(301) 328-5613
or Patient Care Coordinator
(301) 328-3830

Dental Care Program for Senior Citizens. Seniors are offered a reduced fee comprehensive dental treatment program at UMAB's Dental School undergraduate clinic. To qualify for the 50% reduction in regular fees, you must be 62 or over and have a maximum income of $500 per month from Social Security or pension. For full information, please call the patient care coordinator at 328-3830 or the hotline, 454-3000.

Emergency Services. Emergency dental treatment is provided by dental students under faculty supervision. Faculty in all areas are on-call to assist when necessary.

Available to: Anyone

Fees: Depend on service.

Hours: Weekdays until 5pm. Evenings, Saturdays, Sundays and holidays, emergency care is available at The University of Maryland Hospital for regular patients.

Information:
Dr. Gary Colangelo
Director of Clinics
Dental School
UMAB
Baltimore, MD 21201
(301) 328-5613

Dental Practice Systems. Dentists, a dental hygienist, dental hygiene students, and highly trained staff provide comprehensive treatment in a unique group practice. Appointments are available to the general public and the UM family at traditional and non-traditional hours at the patient's convenience. Emphasis is on caring treatment and the prevention of disease. Parking: convenient, adjacent to building.

Available to: Anyone, by appointment.

Fees: Depend on service and provider,

Information:
Dr. Allan Dana, Director
Dental Practice Systems
Dental School
UMAB
666 W. Baltimore Street
Baltimore, MD 21201
(301) 328-2400

Faculty Practice. Individual faculty members of UMAB's Dental School provide comprehensive dental care to private patients on a fee-for-service basis, at rates comparable to those in the community. This practice is not associated with student clinical programs.

Available to: Anyone by appointment.

Fees: Depend on service.

Information:
Faculty Practice
Hayden-Harris Hall
Dental School
UMAB
Baltimore, MD 21201
(301) 328-7961

General Practice Residency. Dentistry residents provide comprehensive dental care and consultation. The emphasis of this program is on integrating dental treatment with a patient's total health care. Services are coordinated with ENT, medicine, family medicine, surgery and the emergency room.

Available to: Anyone by appointment.

Fees: Depend on service.

Information:
George H. Williams, III, D.D.S.
Chair, Department of Dentistry
General Practice Residency
North Hospital, G-1015
UMAB
Baltimore, MD 21201
(301) 328-3264

Oral and Maxillofacial Surgery Services. Individual faculty members of UMAB's Dental School provide the complete range of oral and maxillofacial surgical procedures to private patients on a fee-for-service basis.

Available to: Anyone by appointment.

Fees: Depend on service.

Information:
Gerald W. Gaston, D.D.S., Ph.D.
Oral and Maxillofacial Surgery Services
North Hospital, Ground Fl.
UMAB
Baltimore, MD 21201
(301) 328-6195

Oral Medicine Consultation Clinic. Under the auspices of the Department of Oral Diagnosis, the Oral Medicine Consultation Clinic provides a consultation and referral service for regional practitioners. Patients with unusual and undiagnosed disorders are seen by appointment for a modest consultation fee.

Available to: Anyone by appointment.

Fees: Depend on service.

Information:
B. Antonia Balciunas, D.D.S. Director
Oral Medicine Consultation Clinic
Dental School, Second Floor
UMAB
Baltimore, MD 21201
(301) 328-2402 for appointments

Special Patient Clinic. Patients with a medical, physical or mental handicap requiring special care can receive comprehensive dental services at the Special Patient Clinic on the first floor of the dental school. Facilities enable treatment of patients with a history of cerebral palsy, Down's Syndrome, vision problems, sickle cell anemia, and more. There is a wheelchair ramp and convenient parking to meet the needs of the handicapped. All care is provided by dental students, dental hygienists or general practice residents.

Available to: Qualified persons, by appointment.

Fees: Depend on service.

Information:
Roger Eldridge, D.D.S.
Director
Special Patient Clinic
Dental School, First Fl.
UMAB
Baltimore, MD 21201
(301) 328-7039

Specialty Clinics. The Advanced Dental Education Programs at the Dental School provides care for selected patients in the following clinics:

Advanced General Dentistry
Endodontics
Orthodontics
Pediatric Dentistry
Periodontics
Removable and Fixed Prosthodontics
Oral and Maxillofacial Surgery

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Gary Colangelo
Director of Clinics
Dental School
UMAB
666 W. Baltimore Street
Baltimore, MD 21201
(301) 328-7952

DENTAL SERVICES

Center for Professional Development. Dentists and other health professionals from Maryland and the National Capital Area are invited to participate in activities organized to give them state-of-the-art knowledge. Lectures, workshops and participation courses with patients are offered throughout the year, both on-and off-campus, by the Center for Professional Development. Send for fall and spring catalogs to address below.

Available to: Dentists and dental auxiliaries.

Fees: Depend on service.

Information:
Dr. Thomas Chandler, Director
Center for Professional Development
Baltimore College of Dental Surgery
Dental School
UMAB
666 W. Baltimore Street
Baltimore, MD 21201
(301) 328-7146

Center for the Study of Human Performance in Dentistry. With a look of Japanese serenity (pebble gardens and Shoji screens), the Center opened in Fall 1983 to analyze performance logic in dentistry by studying the arrangement of physical work and movements in their most natural way. A Japanese dental-equipment manufacturer provided most of the hardware and cabinetwork for this experimental adjunct to the University's Dental School.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Michael M. Belenky
Director
Center for the Study of Human Performance in Dentistry
UMAB
Baltimore, MD 21201
(301) 328-7967

Dental Hygiene. From this academic department in UMAB's Dental School go forth senior dental hygiene students to work in a variety of community settings under the Community Service Practicum (CSP). Sample sites: U.S. Naval Academy, Walter Reed Medical Center, NIH, and a number of specialty settings serving handicapped,

elderly, or child patients. Organizations or practices wishing to participate are invited to call for more information. Cheryl Metzger, Chair.

Available to: As above

Fees: FREE to CSP sites.

Information:
Marylou Everett, CSP Coordinator
Dental Hygiene Department
Dental School
UMAB
666 W. Baltimore Street
Baltimore, MD 21201
(301) 328-7773

Dental-Pharmacy Services. See index.

Dental Video Disc. First generic dental video disc in the world contains 3,000 dental images and ten minutes of dental video. A combination teaching tool and visual archive.

Available to: Concerned parties

Fees: $40

Information:
Division of Dental Informatics
Dental School
UMAB
666 W. Baltimore Street
Baltimore, Maryland 21201
(301) 328-5745

Educational and Instructional Resources, Department of. Incorporating both the Independent Learning Center and the dental museum (see index), this Dental School department has both the expertise and the facilities for developing independent learning programs in dental, dental hygiene, patient and continuing education instructional materials, videocassettes, slide-tapes, film. Consultation by request.

Available to: Dental educators, concerned parties.

Fees: Depend on service.

Publications: Media Catalogue, $2.50.

Information:
Dr. James Craig, Chair
Department of Education and Instructional Resources
Dental School
UMAB
666 W. Baltimore Street
Baltimore, MD 21201
(301) 328-3388

Geriatric Area Health Education Center. Interdisciplinary teams provide health services to the elderly. See index.

Independent Learning Center, Dental School. For dentists who want to polish their proficiency on their own, and for patients who want to know more about a dental procedure they're undergoing information is there for the asking at the Independent Learning Center. Over 1200 titles in a variety of media formats, all self- instructional and all dealing with some aspect of dentistry, are maintained. Located on the ground floor, the Center offers 87 individual study carrels and three group study areas. A tip to dentists: obtain material from the Center to train your dental assistants and auxiliaries.

Available to: Students, faculty, dental practitioners, patients.

Fees: FREE

Hours: M-Th, 8am to 8:45pm; F, 8am to 5pm; Sat, 9am to 3pm.

Publications: Catalog of the collection, $2.50.

Information:
Dr. James Craig, Director
Independent Learning Center
Dental School, Room G-F-11
UMAB
666 W. Baltimore Street
Baltimore, MD 21201
(301) 328-7944

Museum of the Baltimore College of Dental Surgery. See index.

Oral-Facial Neuroscience Group. Investigates the brain's control of oral-facial function. Free Oral-Facial Health and Research Seminars Wednesdays, 1 to 2pm. Summer fellowship program for high school students. Consulting to government and industry.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Norbert R. Myslinski
Department of Physiology
Dental School
UMAB
666 W. Baltimore Street
Baltimore, MD 21201
(301) 328-7257

Oral Pathology Services. The oral pathology laboratory provides oral histopathology and cytology services, as well as diagnostic oral pathology consultations and technical assistance. Over 2,000 diagnostic cases a year are accessioned. Clinical case consultations may be discussed by phone or appointment. Films and tapes on oral disease are available on loan.

Available to: Anyone by appointment.

Fees: Depend on service.

Information:
John J. Sauk, Jr., D.D.S., M.S.
Director
Oral Pathology Services
Dental School, Fourth Fl.
UMAB
Baltimore, MD 21201
(301) 328-7936

HEALTH

Anxiety and Phobic Disorder Clinic. Helps people who have paralyzing fears of anything from animals to planes. Evaluation and treatment for panic disorder, agoraphobia, social phobia, simple phobia and more through medication, behavioral treatment and individual or group psychotherapy. Part of the UMAB's Institute of Psychiatry.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Scott A. Spier, Director
Anxiety and Phobic Disorder Clinic
Institute of Psychiatry
645 W. Redwood Street
Baltimore, MD 21201
(301) 328-6565

Biofeedback Lab. Used in biofeedback course set up for UMCP students; citizens interested in biofeedback techniques would be required to audit, or could call to consult. More information from Dr. Roger J. Allen, 454-3055.

CPR Training. Can be acquired on the UMCP campus at the Health Center. Classes are usually taught in two three and one-half hour sessions either in the Center or in UM offices. CPR instructor training is also offered, 454-6513. Occasional courses offered by UMCP's Department of Physical Plant and the American Red Cross. For an update and for information about CPR training at other UM System campuses, please call the hotline, 454-3000.

Department of Physical Therapy, UMES. This UMES academic unit has important links to the Eastern Shore community. It provides the Edward W. McCready Memorial Hospital in Crisfield with a university staffed physical therapy department which also serves as a practicum site for UMES therapy students. The department also offers a FREE week-long summer program on campus for minority high school students to interest them in careers in physical therapy. The UMES Sports PT Clinic and the campus Physical Therapy Clinic (see index) are also under the auspices of this department.

Available to: As above

Fees: Depend on service.

Information:
Dr. Raymond L. Blakely, Chair
Department of Physical Therapy
UMES
P.O. Box 1061
Princess Anne, MD 21853
(301) 651-2200, ext. 527

Eating Disorders Program. Fanned by the American mania for thin bodies, the No. 1 and No. 2 eating disorders, anorexia and bulimia, are especially rampant among women. You can find guidance in the form of bibliographic material, lectures, and consulting through UMCP's University Health Center. Treatment through a team approach combining medical followup, psycho-therapy, and medication is free to UMCP students. Ask about the workshop, "Food and Feelings."

Available to: Anyone

Fees: FREE

Publications: Newsletter reprint dedicated to eating disorders, upon request.

Information:
Patricia L. Preston
Director of Social Services
Health Center
UMCP
College Park, MD 20742
(301) 454-6752

First Aid Training. Available through UMCP Health Education Programs at the Health Center. Emergency medical procedures classes also available, 454-6513. For other campuses, please call the hotline, 454-3000.

Health Career Opportunity Program. Summer pre-professional training for undergraduates. See index.

Health Education Programs, UMCP. Expertise in stress and time management, biofeedback, nutrition, CPR and first aid, eating disorders, communication and sexuality, and more available to UMCP's Health Center. Workshops and counseling geared to student population, but some available to public on space available basis or by special arrangement.

Available to: As above

Fees: Depend on service.

Publications: Variety of brochures and program guides.

Information:
Robin Sawyer
Director of Health Education
Health Center
UMCP
College Park, MD 20742
(301) 454-4922

Lifeline Fitness Program. Order a la carte the fitness items you need: stress management classes, treadmill testing, body composition assessment (measuring how much of you is body fat), the healthy back program, and adult fitness classes that include both cardiovascular and muscular endurance. A fitness package including a diagnostic exercise tolerance test, a body composition assessment, and supervised exercise classes is a bargain at $110 if you are under 35, $200 if older. Physician-supervised treadmill testing, $160. All programs and consultations are based on the most current research performed at UM and across the country. Fitness classes for UMCP faculty, staff, students every day over the noon hour, or M,W,F 7am to 7:45am, $60/semester. Free brochure describes all UMCP services that help you stay fit.

Available to: Anyone

Fees: Depend on service.

Publications: Brochure

Information:
Robert J. Confessore
Associate Director
Lifeline Fitness Program
Department of Physical Education
UMCP
College Park, MD 20742
(301) 454-7495 or 2928

Maryland Sexuality Resource Center. Often related to relationship difficulties, life stresses, and one's sense of well-being, sexuality problems can be helped at this UMAB center. Common issues are communication, trust, intimacy, level of sexual interest, life cycle concerns, careers and competition, body image, orgasmic function, changes related to physical illness, and sexual abuse. Therapy, consultation, and educational services are available for individuals, couples and groups. Training in sex therapy available to licensed health professionals on a limited basis. Lectures and workshops for health professionals and community organizations upon request. A list of staff members and their qualifications is available.

Available to: As above

Fees: Depend on service.

Publications: Brochure about Center services, on request.

Information:
Dr. S. Michael Plaut, Director
Maryland Sexuality Resource Center
UM Professional Building
UMAB
419 W. Redwood Street
Baltimore, MD 21201
(301) 328-3523

Occupational Health Program. Monitors workers who may have come in contact with asbestos or chrome ore tailings. Clinic now operates under a contractual agreement, hopes to expand program to include industrial workers exposed to other toxins and firefighters who inhale toxins in smoke. Part of the UMAB School of Medicine, Department of Epidemiology and Preventive Medicine. Contact Dr. James Keogh, Box 151, University Hospital, 328-7464.

Physical Therapy Clinic, UMES. Persons from the surrounding community may be referred by their physician to this UMES Physical Therapy Clinic located on campus in the Charles Drew Infirmary of Wicomico Hall.

Available to: As above

Fees: $15 per visit.

Hours: M-F, 3pm to 5pm, by appointment.

Information:
Dr. Raymond L. Blakely, Chair
Department of Physical Therapy
UMES
P.O. Box 1061
Princess Anne, MD 21853
(301) 651-2200, ext. 527

Student Health Services, UMBC. Sponsors a Wellness Day in the Spring to encourage people to begin and maintain a lifestyle leading to wellness. Demonstrations and information from over 30 wellness resources. Alcohol Awareness Day held in the Fall promotes health through awareness of the problems associated with alcohol and other drugs. Presentations of alcohol and other drug issues for parents groups, elementary, middle or high school groups. Presentations on AIDS with related topics.

Available to: Anyone

Fees: FREE

Information:
Debra B. Silvertson, Director
Student Health Services
UMBC
Baltimore, MD 21228
(301) 455-2542

Travelers Health Service. Planning a trip to a tropical or developing country? For travel-related health issues, come to this service of the Geographic Medicine Division for everything from an immunization to information about health conditions of the country you are visiting. Staff is highly trained in all aspects of overseas travel. If you have a medical problem related to previous foreign travel, staff geographic medicine physicians, knowledgeable in tropical medicine, can help you and have access to specialized laboratory services.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Myron Levine, Chair
Department of Geographic Medicine and Travelers Health Service
10 S. Pine Street
UMAB
Baltimore, MD 21201
(301) 328-5196 for appointments.

UMES Sports PT Clinic. See index.

MEDICAL SYSTEM/HOSPITAL

General Information. The University of Maryland Medical System is committed to providing all of its services to the citizens of Maryland and to the state's health care professionals. Located in downtown Baltimore and

serving more than 215,000 patients a year, the Hospital is the state's major referral and teaching center. The facility is licensed for 785 beds which include The University of Maryland Cancer Center, 65 outpatient clinics and a variety of other ambulatory programs. The 586 physicians of the medical staff are all members of the University of Maryland School of Medicine faculty. The University Hospital became an independent, nonprofit facility on July 1, 1984; however, its ties with the University's Medical School continue. In most cases, Maryland physicians may refer a patient to the Hospital by calling either the director of the service (or the appropriate physician or dentist) directly or the Referral and Consultation Service, University of Maryland Medical System, by calling 528-5717.

Available to: Anyone

Fees: Depend on service.

Publications: *Maryland Medicine, Medi-facts,* FREE.

Information:
Morton I. Rapoport, M.D.
Chief Executive Officer
The University of Maryland Medical System
22 S. Greene Street
Baltimore, MD 21201
(301) 328-3322

Physician's Referral Program. The Physician's Referral Program has been developed to streamline access to the physician practices at the University of Maryland. Telephone numbers, dedicated to this purpose only, can be utilized to schedule an appointment, seek consultation on a medical problem, or inquire about medical specialties offered. Follow through with community physicians and ongoing evaluations of the program provide a total loop in our comprehensive service. Call toll free from outside the Baltimore metropolitan area.

Available to: Community physicians, patients and other concerned parties.

Fees: None

Information:
Betsy Owens
Referral Coordinator
Physician's Referral Program
or
Sandra L. Campbell
Director of Marketing and Planning
UMAB
419 W. Redwood Street, Suite 560
Baltimore, MD 21201
(301) 328-2999
1-800-492-5538

Services of The University of Maryland Hospital.

EMERGENCY SERVICES

Adult Emergency Services. On the ground floor of the Hospital. Open and staffed on a 24-hour basis with consultants in all specialties available. 328-6722.

Alcohol and Drug Abuse Emergency Service. Located in the Adult Emergency Room, services include screening, from 8 am to 6 pm. Evaluation and referral. 328-5227 or 5228.

Maryland Organ Procurement Center, Inc. The organ procurement center for the state of Maryland. M.O.P.C. is responsible for obtaining and preserving transplantable human organs. Available for educational programs. A coordinator available 24 hours a day at 328-3626.

Orthopaedic Emergency Services. Specialists are on call at all times in the Adult Emergency Room or at MIEMSS for full range of orthopaedic injuries. 328-6040.

Pediatric Emergency Service. On the fifth floor, North Hospital. Provides 24-hour care for acute illness and injury in children from birth to 18 years. Full pediatric subspecialty and surgical consultation available. 328-6677.

Psychiatric Emergency Services. On the first floor, Walter P. Carter Community Mental Health Center, 630 W. Fayette Street 24-hour hotline. 328-2200.

SPECIAL SERVICES

Continuing Education. (See index).

Maryland Cancer Program. This center for studies of cancer and other environmentally related diseases is a major consultation resource to the community. 328-7070.

Maryland Institute for Emergency Medical Services Systems (MIEMSS). (See index).

Maryland Poison Information Center. (See index).

National Pituitary Program. The University of Maryland Hospital is one of the select research centers of this national program. The national director, Dr. Raiti, is a member of the University Hospital staff. Patients deficient in growth hormones may be accepted for treatment. (Also see Pediatric Endocrine Metabolism Services on index).

Nutrition Services. Currently, no outpatient services are available. Health professionals may contact the program's dieticians with special nutrition or diet therapy questions. 328-6411.

Pharmacy Services. (See index).

Social Work Services. During a hospital stay, patients and their families may request, or be referred for, assistance with discharge planning, coping with chronic and/or terminal illness, and other personal or family problems. 328-6700.

Sports Medicine Center. Diagnosis, management and rehabilitation of all sports-related injuries, as well as advice on nutrition and injury prevention, pre-athletic physical evaluations, stress testing and counseling for

athletes. The Center is affiliated with UMCP's College of Physical Education, Recreation and Health, and is open Monday mornings in the Hospital's Orthopaedic Surgery Department (See index). Sports medicine research conducted, 328-6040.

University of Maryland Cancer Center. (See index.)

University of Maryland Medical Service Plan. Medical services in a group practice, multi-specialty atmosphere available to the public without referral. See index.

Volunteer Service Department. The Volunteer Services Department. provides services for staff, patients and visitors. Volunteers are interviewed, screened and placed depending upon hospital needs, prospective volunteer's availability and talents. Volunteer Services has an ongoing need for volunteers, including high school and college students, adults seeking job training experience, retirees who have an interest in helping out. We encourage and need community involvement. If you have any interest or would like further information call 328-5600.

CLINICAL SERVICES

Alcohol and Drug Abuse. (See index.)

Anesthesiology. On the eighth floor,S. Hospital. Consultation for chronic and acute respiratory disorders. Special Pain Clinic for patients with acute pain problems. 328-6122.

Dental Services. (See index.)

Family Medicine. On the first floor,North Hospital. Comprehensive and continuous care for all members of your family from your own family physician. Family Medicine specializes in treating the whole person and our aim is to keep you well. Consults for medical problems are available 328-5688. (See Family Health Center in index).

Department of Medicine. North and S. Hospital. Staff of specialists concerned with diagnosis and treatment of variety of clinical problems. 328-6352.

1. Adult Diabetes Education and Care Center. North Hospital. Evaluation, therapy and counseling for adult patients with diabetes. 328-6542.
2. Cardiology Services. On second floor, S. Hospital. Diagnostic consultation for adult cardiovascular problems. Coronary care unit available. 328-6522.
3. Dermatology Services. On third floor, North Hospital. Diagnostic services and specialized treatment for skin diseases with recent research advances. 328-5766. Psoriasis Phototherapy Services for adult patients, 328-6626.
4. Endocrinology and Metabolism Services. In S. Hospital. Diagnosis and treatment of adults with endocrine or metabolism problems. 328-6219.
5. Gastroenterology Services. On third floor, North Hospital. All endoscopic services, consultation in all GI, pancreatic, liver problems. 328-5780.
6. General Internal Medicine. On third floor, North Hospital. Long-term management of chronic diseases in adults. Therapy and special coping help. 328-5717.
7. Geographic Medicine. Treats tropic diseases, provides travelers' health service.
8. Hematology/Oncology Services. On ninth floor, North Hospital Cancer Center. Manages full range of red and white blood cell disorders, including malignancies. 328-7912.
9. Hypertension Services. See index.
10. Infectious Diseases. On third floor, North Hospital. Treats infections or fevers. Research: infection in cancer patients, anti-viral agents, diarrheal diseases. 328-5012.
11. Nephrology Services. On third floor, North Hospital. Treats adult/pediatric kidney diseases, including dialysis and transplantation. 328-5720. (Includes Renal/Hypertension and Renal Transplant Clinics).
12. Pulmonary Disease Services. Room 414, Bressler Building Lung diseases, including environmental and occupationally related. Respiratory therapy provided. 328-6250.
13. Rheumatology Services. Treats infectious or rheumatoid arthritis and other rheumatic diseases. Research: new anti-inflammatory drugs. 328-5888.

Neurology. In North Hospital. Diagnosis, management of all types of neurologic disorders. Research: autonomic testing, muscle biopsy studies, more. 328-6484.

1. Adult Seizure Services. Third floor, North Hospital. Long-term treatment for adult patients with seizures. Preliminary work-up by department required. 328-6266.
2. EEG Evoked Potential Laboratory. On second floor, S. Hospital. Besides EEG, provides auditory, visual and somatosensory evoked potential tests. 328-6266.
3. Multiple Sclerosis Services. On third floor, North Hospital. Special emphasis on helping adult patients cope with social and emotional aspects of MS. 328-5660.
4. Muscle Biopsy Laboratory. On first floor, North Hospital. Provides histological and histochemical preparation and interpretation of muscle biopsies. 328-6484.
5. Myasthenia Gravis Services. On first floor, North Hospital. Long-term treatment for patients with known or suspected myasthenia gravis. Medical history needed. 328-6484.
6. Neuromuscular Services. On first floor, North Hospital. Neuromuscular disease treated: muscle cramps, myoglobinurea, periodic weakness, polyneuropathies. 328-6484.
7. Stroke Services. On third floor, North Hospital. Follow-up for post-stroke patients who received inpatient treatment at University Hospital. 328-5080.

Obstetrics and Gynecology. On sixth floor, North and S. Hospital. Provides the full range of obstetrical and gynecological services, as follows. 328-6640.

1. Endocrine Sterility Services. On sixth floor, North Hospital. Treats full range of gynecological endocrine problems, including hirsutism and infertility. 328-6640.
2. Family Planning Services. On sixth floor, North Hospital. Provides the complete range of family planning services. 28-5298 or 5950.
3. Genetics Service. On sixth floor, North Hospital. Counseling and pre-natal diagnosis for patients at risk of bearing children with birth defects. 328-5964.
4. Gynecologic Oncology Services. On sixth floor, North Hospital. Diagnosis and therapy for gynecologic lesions, including surgery and radiation. 328-5956.
5. Obstetrical Complications Services. On sixth floor, North Hospital. Intensive prenatal care for patients with high risk pregnancies for any reason. 328-5925.

Ophthalmology. On the sixth floor,North Hospital. Provides diagnostic and evaluative services to patients with all forms of ophthalmologic diseases. 328-5900.

1. Contact Lens Service. Facilities for fitting hard and soft lenses. 328-5933.
2. Corneal Disease Services. Medical or surgical treatment for corneal disorders including therapeutic contact lenses and corneal transplantation. 328-6533.
3. Glaucoma Services. Complete evaluation, including Goldman fields and tonography. Facilities for juvenile and congenital glaucoma patients. 328-6533.
4. Strabismus Services. Diagnosis and therapy for patients with strabismus. 328-6533.
5. Ophthalmic Plastic Surgery Services. For ophthalmic disorders requiring plastic surgery. 328-5900.
6. Retinal Disease Services. Advanced methods of treatment include laser and xenon photocoagulation, retina detachment surgery. 328-6533.

Pathology. Clinical laboratories on the second floor, North Hospital. Anatomical laboratories in the Basement, North Hospital. Most routine lab work available. 328-7070 or 3447.

1. Blood Bank and Transfusion Services. Consultations and procedures in therapeutic apherisis. Consultations in transfusion therapy, cross-match problems, pre-natal testing. 328-5503.
2. Diagnostic Electron Microscopy Laboratory. Specimens (muscle, renal, liver, skin, etc.) may be submitted. 328-5525.
3. Hematology Laboratory. Besides routine diagnostic hematology, the professional staff will consult on a wide range of tests for bleeding problems. 328-5509.
4. Immunopathology Laboratory. Facilities for all direct and indirect immunofluorescence on tissue sections, as well as light and electron microscopy. 328-5525.
5. Immunohistochemistry and Histochemistry Laboratory. Consultations and procedures. 328-7902 or 5525.
6. Environmental and Aquatic Pathology. Consultation and research. 328-7070 or 7276.

Pediatrics. On the fifth floor, North and S. Hospital. Inpatient and ambulatory care for children, birth through 18 years. (Pediatric emergency care, see index 161.) 328-6777.

1. Adolescent Medicine. Medical care for 12 to 18 year olds, designed to meet their unique medical, developmental and emotional needs. The Hospital reserves a special adolescent area for in-patients and offers the following adolescent specialty clinics: Connective Tissue Disease, Family Planning, Gastrointestinal Services, Gynecologic Services, Hypertension Services, Nutrition Services and Obstetrical Services. In the Community Pediatric Center, 412 W. Redwood Street 328-5400.
2. Allergy Services. Complete allergy testing and desensitization for children. 727-0550.
3. Blood Lead Clinic. A lead-poisoning referral and follow-up service. 328-5394.
4. Cardiology Services. Complete cardiovascular testing, care and latest technique surgery for infants through 18. Special attention to helping child and family cope. 328-6666.
5. Clinical Immunology Services. Consultation and treatment for children with frequently repeated infections or chronic inflammatory disorders. 328-6662.
6. Continuity Services. Each child is assigned to a personal physician who follows the patient for a number of years. 328-5394.
7. Diabetes Services. Long-term treatment and teaching of self care. 328-3410.
8. Disabilities Evaluation Clinic. Complete diagnostic services for patients up to 21 years with handicaps or developmental disabilities. 328-2185.
9. Endocrine Metabolism Services. Treats children with growth and pubertal disorders, as well as inter-sex problems. 328-3410. (National Pituitary Program, see index.)
10. Exceptional Children Clinic. Consultation and management for children up to 21 with seizures and/or behavior and learning disorders. 328-5300.
11. Genetic Counseling Services. Diagnosis and treatment for children with genetic disorders, as well as consultation for the families. 328-7476.

12. Hematology and Oncology Services. Treats infants through adolescents for bleeding disorders, anemias, bone marrow failure, leukemia. Research: spleen transplants and platelet function studies. 328-5307.
13. Infectious Disease Services. Consultation on infectious disease problems. 328-6119.
14. Neonatal Care Center. Twenty-bed intensive care nursery for newborns with medical problems is part of the state of Maryland's regional referral system for neonatal care. 328-6356.
15. Nephrology Services. For children with renal disease and kidney disorders, diagnosis and care includes biopsies, dialysis, medication. 328-5394.
16. Neurology Services. Consultation and management for all known or suspected neurologic disorders, including seizures, headaches, etc. 328-5394.
17. Neurosurgery Services. Treats children with disorders of the nervous system including hydrocephalus, brain or spinal tumors, injuries and trauma. 328-6036.
18. Sudden Infant Death Syndrome Institute. Nationally known for its research and efforts to prevent "crib deaths," the Institute provides consultation and management for infants believed to be at increased risks for SIDS (primarily those who have lost a sibling to SIDS) and infants who have irregular breathing episodes of a transient nature. Hospital evaluation, home monitoring and regular follow-up are available. 328-3353. (Maryland SIDS Counseling and Information Project, see index.)

Psychiatry. In the Institute of Psychiatry and Human Behavior, 645 West Redwood Street Services include the full range of psychiatric care for both children and adults. 328-6735.

1. Adult Inpatient Service. Evaluation and Psychotherapy Clinic. Patients are seen weekly by the same therapist for six to eight-week periods. 328-6018.
2. Alcohol and Drug Addiction. Comprehensive treatment services for individuals and families experiencing problems with drug, and/or alcohol abuse. 328-6969.
3. Child and Adolescent Psychiatry Outpatients Services. Involving children under 16 who have behavioral or learning problems and their family members in a comprehensive diagnostic and therapeutic program. 328-3522.
4. Children's Residential Services. Provides inpatient and day treatment for emotionally disturbed children, ages 5 to 12. Fun activities and therapy. 328-6392.
5. EEG Laboratory, Special. Diagnostic procedure is performed for identifying epileptoid dyscontrol (Impulsive Aggressive Behavior). 328-6735.
6. Family Clinic. Help for families or couples having problems in interpersonal relationships. Services also available to divorcing couples and their children. 328-6766.
7. Group Therapy Services. Clinical needs of patients are matched to appropriate group. Faculty offers seminars in conducting group therapy to the professional health care community. 328-6610.
8. Individual Psychotherapy Services. Patients seen from one to three times a week. 328-6660.
9. Maryland Psychiatric Research Center/Walnut Street Clinic. On the campus of Spring Grove State Hospital, Baltimore, Maryland. Treats and researches schizophrenic illness, seeking alternatives to long-term antipsychotic medication. Prospective patients must be between 18 and 45 and have no medical disabilities. Services are provided free of charge. 455-7548.
10. Psychopharmacology Clinic. Monitoring for patients on psychotropic medication. 328-3422.
11. Psychophysiological Clinical Laboratories. Problems such as pain, Raynaud's Phenomenon and torticollis migraine studied. Research: biofeedback, relaxation techniques, new discovery of relationship between speech and elevated blood pressure. Sleep studies available. 328-6475.
12. Sudden Infant Death Syndrome Counseling and Information Project. Located at 10 S. Pine Street, this statewide counseling and information center furnishes referral services as well as emergency and long-term counseling to families of SIDS victims. A 24-hour answering service and a comprehensive library of SIDS related materials are maintained. 328-5062.
13. Violence Clinic. For people 18 and over whose difficulty in controlling temper has disrupted their behavior. 328-6475.

Radiation Therapy (Radiation Oncology). On the Ground Floor, S. Hospital. Consultation and treatment for in- and out-patients. Provides all standard therapy procedures plus specialized techniques such as electron therapy, brachytherapy, intra-operative interstitial irradiation, total and half-body irradiation, CT-treatment planning and simulation. Some of the patients are seen and treated in conjunction with The University of Maryland Cancer Center (see index). 328-6080.

Radiology-Diagnostic. North and S. Hospital. Provides all standard diagnostic procedures, plus specialized techniques such as ultrasonography and nuclear medicine. 328-5700.

1. Computed Body Tomography Services. On second floor, S. Hospital. Body scanning performed on outpatients and on patients transported from other hospitals. 328-5006.

2. Mammography and General X-ray: On Second Floor of North Hospital. Consultation and studies of breast, GI tract and chest. 328-5700.
3. Neuroradiology Services. On second floor, S. Hospital. Consultation and studies for problems of the head, neck and spine. 328-5050
4. Nuclear Medicine Services. On second floor, S. Hospital. Complete range of diagnostic nuclear medicine procedures, as well as therapeutic use for treatment of thyroid diseases. 328-6890.
5. Skeletal Radiology Service. On the Ground Floor, North Hospital, adjacent to the Emergency Room. Consultation and studies for imaging musculoskeletal problems. 328-5533.
6. Ultrasonography Services. On second floor, S. Hospital. Appropriate imaging of portions of the body. 328-6837.
7. Vascular Radiology. On second floor, North Hospital. Consultation and the complete range of angiographic and interventional procedures. 328-6085.

Rehabilitation Medicine. On fourth floor, North Hospital. In- and outpatient consultations provided to patients of all ages with mobility disorders. 328-5800.

1. Amputee-Prosthetic Services. Patients with extremity amputations are seen for pre-prosthetic evaluation and training for post-prosthetic follow-up. 328-5800.
2. Montebello Rehabilitation Hospital. Patients who have rehabilitation potential should be referred for transfer/admission. 889-3080.

Surgery. On the fourth floor, North Hospital. Through its various specialty divisions, in- and outpatients of all ages receive consultation and care. Minor procedures and suture removal performed every morning on an outpatient basis by appointment. 328-6327.

1. Gastrointestinal Surgery Services. Treats patients having problems with the esophagus, stomach, liver, pancreas, small intestine, colon and rectum. 328-6327.
2. Hand Evaluation Clinic. On ground floor, North Hospital. Provides treatment of traumatic, congenital and degenerative conditions affecting the hand, including precision hand surgery. 328-5595.
3. Neurosurgery Services. On twelfth floor, North Hospital. Clinical and research activities targeted to stroke, brain tumors and trauma. Research: spinal cord injury, microvascular techniques. 328-6034.
4. Orthopaedic Services. On the ground floor, North Hospital. Help for all injuries, diseases, and deformities of the musculo-skeletal system. Special expertise: tumor reconstruction, total joint replacement, spinal surgery, reconstructive surgery, hand and foot surgery. Emergency services provided at all times. 328-6040.
5. Otolaryngology Services. Consultation and management for patients with complaints of the head and neck, including hearing loss, vertigo, hoarseness, etc. Special interests: tumors of the head and neck. Special clinics: Audiology and Speech services, including hearing tests and aids, and voice/speech problems. 328-6866.
6. Pediatric Surgery Services. Surgery for children up to age 18. Specializing in investigative and clinical hepatic surgery. Research: renal transplantation. 328-5730.
7. Plastic Surgery Services. On the fourth floor, North Hospital. Corrects congenital and post-traumatic defects with plastic and reconstructive surgery. Complete cosmetic surgery, including face lifts, available. 328-5028.
8. Stoma Clinic. Long-term management of patients with stomas. 328-6327.
9. Surgical Oncology Services. Committed to complete treatment and rehabilitation of cancer patients with solid tumors. Services coordinated with the Baltimore Cancer Research Program and other hospital departments. 328-5225.
10. Thoracic and Cardiovascular Services. Full range of heart and lung surgical problems. Special interests: open and closed heart surgery, esophageal surgery. 328-6366.
11. Transplant Surgery Services. Kidney, pancreas and liver transplants are performed. Adjustment help offered to patients and their families. Six-month post-discharge follow-up. 328-5870.
12. Urology Services. On the ground floor, North Hospital. Help for pediatric as well as adult patients with disorders of the urinary tract and male reproductive system. 328-5943.
13. Vascular Surgery Services. Treats patients with peripheral vascular disease through surgical corrective procedure that helps improve blood flow to extremities and to the brain.

MEDICINE

AIDS Education and Training Center. New in Spring 1988 this is a regional clearinghouse for the latest in AIDS information, developing training materials for use in Maryland, Virginia, Delaware, West Virginia, and D.C. to cover medical, legal, social, and psychological issues as they relate to AIDS. Target audience: physicians, social workers, psychologists, nurses, dentists, and other health workers, alcohol and drug abuse workers, state and community health centers and students in the caregiving professions. The UM Health Sciences Library is the storehouse of all Center programs. Director, Dr. Edward N. Brandt, who is also UMAB President and nationally-known AIDS expert.

Available to: As above

Fees: FREE

Information:
Valerie Williams
Assistant to the President
UMAB
Baltimore, MD 21201
(301) 328-7004

AIDS in College Student Population Study. The UM System is the first to examine the extent of AIDS infection among college students—a young, sexually active, and diverse population—and we're conducting the study beginning in Fall 1988 on our flagship campus, UMCP. A partnership effort between UMCP's Health Service, the UMAB School of Medicine, and the National Institute of Allergy and Infectious Diseases, this is the first large-scale HIV seropositivity study of a major U.S. university. Confidentiality of the participants is ensured and participation is voluntary. Dr. Karen Kotloff, Assistant Professor of Pediatrics is the chief investigator on the project. For more information, please call the hotline, 454-3000.

AIDS in Pediatric Population Study. How is AIDS transmitted from mother to newborn what is the best method of detecting HIV infection in babies, and why does the immune system protect 50% of all at-risk babies from getting the deadly disease from their mothers? A five year, $5 million grant beginning in July 1988 marshals a team of UMAB basic research and clinical scientists to approach the problem from several different vantage points.

Available to: Concerned parties

Fees: N/A

Information:
Dr. Gerald Cole
Dr. John P. Johnson
Co-Directors
AIDS Study
School of Medicine
Bressler Research Building
UMAB
655 W. Lombard Street
Baltimore, MD 21201
(301) 328-6911

AIDS Patient Care Program. The University of Maryland Medical System has developed an AIDS Patient Care Program to assist in the delivery of care to persons infected with the Human Immunodeficiency Virus and persons who have AIDS. Comprehensive services include medical and psychiatric evaluation, social work assistance and legal aid. In addition to patient services, members of the Program have been active in community education and outreach.

Available to: As above

Fees: Depend on service.

Information:
Priscilla A. Furth, M.D.
Adult Services
(301) 328-5757
John Johnson, M.D.
Pediatric Services
(301) 328-6911
UMMS
Baltimore, MD 21201

AIDS Research. The cause and cure of AIDS are being hunted down in multi-faceted studies with $10 million in funding by the UMAB School of Medicine and its affiliated VA Medical Center. The Center for Vaccine Development (see index) is one of six sites in the country selected to test AIDS vaccines beginning in 1988. UMAB's president, Dr. Edward N. Brandt, is one of the country's leading AIDS experts.

Available to: Concerned parties

Fees: Depend on service.

Information:
UMAB University Relations
(301) 328-7820

Artificial Intelligence Research. Studies in artificial intelligence are being conducted by UMAB's Department of Neurology. Clinical computer decision aids as well as clinical data base of stroke patient information are being used. Information and speakers on how this topic relates to medical practice, upon request.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. Thomas R. Price
Artificial Intelligence Research
Department of Neurology
University Hospital
UMAB
Baltimore, MD 21201
(301) 328-6484

Birthing Center. The state's newest and largest birthing center has nine birthing rooms accommodating 2,400 mothers annually. The idea is to combine the natural childbirth surroundings that more people are seeking with access to advanced medical technology. The Maryland Perinatal Data Base, a complete computerized obstetric medical record, can be made available to qualified researchers. Both low and high risk obstetric care is available; pre-pregnancy, family planning, and high risk pregnancy consulting are offered.

Available to: As above

Fees: Depend on service.

Information:
Dr. David A. Nagey, Director
Birthing Center
Maternal-Fetal Medicine
University of Maryland Medical System
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-5957 or 6640

Blood Bank. One of the largest in Maryland, the University of Maryland Blood Bank differs from an ordinary blood collection center because it can collect, store, cross-match, and provide blood and special blood products for transfusion. Each year it provides 50,000 units of blood products, over 40% of which are supplied to UM's Shock Trauma Center.

Available to: Anyone

Fees: Depend on service.

Information:
Lab Director
Blood Bank
N2W49, UM Medical System
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-5630

Center for Vaccine Development. Seeks to control major communicable diseases by means of immunizing agents. Using eight laboratories (applied immunology, clinical studies, cellular immunology, enteric microbiology, bacterial genetics, molecular epidemiology, plasmodium culture, and monoclonal), the Center takes a multidisciplinary approach to the development and testing of new vaccines. Under a multimillion dollar grant from the National Institute of Allergy and Infectious Disease the Center is conducting human testing of a malaria vaccine, as well as new vaccines for AIDS and infant diarrhea. Volunteers invited to call. Related to the Division of Geographic Medicine. Director, Dr. Myron Levine.

Available to: Concerned parties.

Fees: Depend on service.

Information:
Steven Wasserman, Research Coordinator
Center for Vaccine Development
10 S. Pine Street, 9th Floor
UMAB
Baltimore, MD 21201
(301) 328-5328

Child Psychiatry. Help on an inpatient or outpatient basis. Please see index.

Children's Unit, The University of Maryland Cancer Center. This division of Pediatric Hematology/Oncology cares for children with cancer and a variety of blood diseases such as hemophilia and sickle cell anemia. Patients come mainly from Maryland, but referrals are sent from all over the world. The standard textbook of pediatric Oncology is co-authored by the Chief of the Division, and the largest children's sickle cell anemia clinic in the state is here at The University of Maryland Hospital. Lectures for professional and lay groups are given by request.

Available to: Concerned parties

Fees: Depend on service.

Hours: Clinic: M-F, 9am to 4pm, but 24 hour, 7 days a week availability.

Information:
Allen Schwartz, M.D.
Professor of Pediatrics and Oncology
The University of Maryland Hospital
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-5307

Clinical Stroke Research Center. Undertakes multiple research projects on strokes and offers an outpatient stroke clinic. Speakers are available to scientific or lay groups.

Available to: Anyone

Fees: Depend on service.

Hours: Stroke Clinic: Th. at 1pm, by referral from another physician.

Information:
Thomas R. Price, M.D.
Clinical Stroke Research Center
The University of Maryland Hospital
UMAB
Baltimore, MD 21201
(301) 328-5080

Community Pediatric Center. Since 1968, The Community Pediatric Center has provided comprehensive medical, dental, and psychosocial services to children and adolescents in Baltimore City. Patients are seen for well-child, acute, and long-term care by an interdisciplinary team that includes physicians, nurses, social workers, psychologists, physical therapists, and speech pathologists; clinical laboratory and x-ray services are also available. Specialty services include pediatric allergy, adolescent gynecology/family planning, and high-risk infant clinics. Dr. Carolyn Gould, Director.

Available to: All children and adolescents, birth to 21 years of age, within a circumscribed catchment area; children receiving medical assistance who reside in Baltimore City.

Fees: Sliding fee scale; medical assistance; private insurance.

Hours: M, T, Th, F, 8am to 4:30pm; W, 8am to 8pm; evenings and weekends, pediatrician provides telephone consultation.

Publications: Descriptive brochure, with map and bus information, available upon request.

Information:
Dr. Hammond J. Dugan, Director
Community Pediatric Center
School of Medicine
UMAB
700 W. Lombard Street
Baltimore, MD 21201
(301) 328-2525

Continuing Medical Education, UMAB. Marylanders in medical practice can select from a broad range of post graduate educational experiences offered by the University's School of Medicine: 1) short courses and seminars lasting one to six days are presented both by faculty and by specialists from around the country, 2) the visiting professor programs bring School of Medicine faculty members to community hospitals throughout the state with educational programs to suit the individual hospital staff, 3) the visiting practitioner preceptorship program brings the physician back to medical school for an intensive mini-residency of five days to six weeks, 4) the oldest and most popular way for physicians to continue their medical education—by attending departmental rounds and conferences is available frequently for credit.

Available to: Physicians and other health care professionals.

Fees: Depend on service.

Publications: Brochures describing programs available FREE.

Information:
Michael Wessely
Program of Continuing Education
School of Medicine
UMAB
10 S. Pine Street
Baltimore, MD 21201
(301) 328-3956

Continuing Medical Education, UMCP. Two-day symposium recognized as CME Category I activity is conducted every January. Weekly one hour CME programs which are either Category I or Category II are held at the Health Center. Topics chosen are particularly relevant to the provision of health care to a college age population.

Available to: Physicians, health care professionals and students.

Fees: Registration fee for non-staff attendees varies.

Information:
James H. Dotson, Jr.
Coordinator of Programs and Training
University Health Center
UMCP
College Park, MD 20742
(301) 454-6751

Diabetes Control and Complications Trial. Insulin-dependent diabetics can participate in long-term program for prevention of diabetic complications. Expert diabetic care and support provided.

Available to: Ages 13-39.

Fees: None

Information:
Diabetes Control and Complications Trial
School of Medicine
Bressler 10-047
UMAB
Baltimore, MD 21202
(301) 328-3413

Down's Syndrome Center. The Center is a clinic for Down's Syndrome patients as well as a Research and Information Center for Down's Syndrome in Maryland and on the East Coast. In addition to a general pediatric evaluation, the center includes psychologic, audiologic, eye, ear-nose-throat, dental-orthodontic, orthopedic examinations and evaluations. New educational programs are being developed.

Available to: Anyone

Fees: First visit, $75; repeat visit, $50, plus laboratory examination as required.

Information:
Dr. George Lentz, Director
Down's Syndrome Center
c/o W.P. Carter Center
UMAB
630 W. Fayette Street
Baltimore, MD 21201
(301) 328-2214

Emergency Health Services. Hospital emergency rooms, fire departments, and anyone offering emergency medical care in the state of Maryland will be interested in this UMBC academic program. A four-year bachelor's degree program, including the offering of a graduate degree at the master's level, it is the only one of its kind in the United States. Since field experience is required for senior students, the program is interested in finding placements where the student will be exposed to emergency health care management. Students have been placed with hospitals, health planning agencies, and prehospital health providers. No direct costs are required of the recipient agency, but participants are required to provide supervision, guidance and evaluation. The placement period is for three months at a time. Hospitals or departments interested in being considered should contact Dr. Eastham. (Faculty for this program are provided in part by MIEMSS, see index.)

Available to: Concerned parties

Fees: Only to enrolled students.

Information:
Dr. James N. Eastham, Jr.
Department Chair
Emergency Health Services
316 Academic IV
UMBC
Baltimore, MD 21228
(301) 455-3223

Endocrine Diagnostic Unit. Complex diagnostic procedures which formerly required hospitalization are carried out in this out-patient unit.

Available to: State of the art techniques for children and adults are offered to referring physicians only.

Fees: Upon request.

Information:
Dr. Allen A. Kowarski
Director
Endocrine Diagnostic Unit
10-047 Bressler Building
UMAB
Baltimore, MD 21201
(301) 328-3410

Epidemiology and Preventive Medicine. On the thirteenth floor, Bressler Research Laboratory. Consults on etiology, prevention and community health aspects of infectious and noninfectious diseases; occupational medicine; gerontology; medical economics; health services evaluation; hospital administration and quality of care; design and analysis of clinical trials and computer applications to medical practice. 328-7866.

Family Medicine, Department of. Maryland communities which are in need of family doctors will find a helpful advocate in this academic unit of the School of Medicine. The department will aid any community urban, suburban or rural in procuring a family physician. The department provides primary health care to many areas of the City of Baltimore and has done medical manpower studies for the state of Maryland.

Available to: Concerned parties

Fees: Depend on service.

Information:
Edward J. Kowalewski, M.D., Chair
Department of Family Medicine
School of Medicine
UMAB
Baltimore, MD 21201
(301) 328-5688

Growth Clinic. This clinic provides help for children with disorders of growth and maturation.

Available to: Children under 18 years.

Fees: Initial visit $150.

Information:
Dr. Allen A. Kowarski
Pediatrics
10-047 Bressler Building
UMAB
Baltimore, MD 21201
(301) 328-3410

Hypertension Center. Created at UMAB to declare war on the "silent killer," high blood pressure, which has no symptoms but affects one in three Americans and can lead to heart disease, stroke, kidney and eye disease. The center brings together more than 30 University experts to make the latest in diagnostic and treatment skills available to patients throughout the state, and also to search for the cause of high blood pressure. Specialists will consult on difficult diagnostic and therapeutic problems in hyper-tension, and facilities are available for training clinicians and researchers in the field.

Researchers are open to collaborative research activities. Professionals in the field should inquire about periodic continuing education courses.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. Elijah Saunders, Clinical Director
(301) 328-4366

or

Dr. Mordecai P. Blaustein, Scientific Director
Hypertension Center
UMAB
Baltimore, MD 21201
(301) 328-3345

Institute of Psychiatry and Human Behavior. The Inpatient Service at the Institute consists of 60 beds for adults and 12 for children between the ages of 6 and 12. There are specialty units for schizophrenic disorders, affective disorders, and geropsychiatry (patients aged 50 and above). Referrals should be made by or in conjunction with a psychiatrist. Patients aged 16 and above may be accepted for admission on an involuntary basis. Average length of stay is two to three weeks. Outpatient treatment also available; see "Outpatient Psychiatry," this section.

Available to: Anyone within required age ranges.

Fees: Usually covered by hospitalization insurance.

Hours: 8am to 4pm, M-F; at other times call 328-6811 and ask for the Psychiatry Resident.

Information:
Patrick Scally
Psychiatry Admissions Office
UMAB
645 W. Redwood Street
Baltimore, MD 21201
(301) 328-6231

Magnetic Resonance Imaging Center, The Anna Gudelsky. New center houses the multimillion-dollar magnetic resonance imaging (MRI) equipment granted to the University as one of the state's principal teaching hospitals. The MRI, expensive and rare, is the newest type of diagnostic tool to produce images of body organs.

Available to: In-patients from other health care institutions, private out-patients, scheduled licensed medical practitioners, and any out-patients receiving primary care via UMMS medical staff.

Fees: Depend on service.

Hours: M-F 7:30am to 11pm, Sat. 7:30am to 12:30pm

Information:
Dr. Nancy Whitley (for body imaging)
Dr. Fouad E. Gellad (for head and spine)
Co-Chairs
Anna Gudelsky Magnetic Resonance Imaging Center
645 W. Redwood Street, 2nd Floor
UMAB
Baltimore, MD 21201
(301) 328-3204

Maryland Cancer Registry. A computerized cancer registration system in operation for the State of Maryland. Designed and operated by the Department of Epidemiology and Preventive Medicine under a grant from DHMH, the system collects information on diagnosed patients from each hospital and deposits it in the Registry computer at UMAB. Vital information for cancer planning, research and program development is available. In addition to the state-sponsored registry, an Advanced Interactive Cancer Registry has been developed and is available to participating medical centers. This system meets or exceeds all requirements of the American College of Surgeons for teaching hospitals.

Available to: Anyone, approved by DHMH.

Fees: Depend on service.

Information:
Mary Leder, M.P.H.
Director of Operations
Maryland Cancer Registry
13-008 Bressler Building
UMAB
655 W. Baltimore Street
Baltimore, MD 21201
(301) 328-7329

Maryland Epilepsy Center. For children and adults who have difficult-to-diagnose or poorly controlled epilepsy. The Center offers the latest diagnostic technology and treatment, including video EEG monitoring, anti-convulsant therapy and neurosurgery.

Available to: As above

Fees: Depend on service.

Information:
Dr. Elizabeth Barry
Co-Director
Maryland Epilepsy Center
UMMS
UMAB
Baltimore, MD 21201
(301) 328-6266

Maryland Institute for Emergency Medical Services Systems (MIEMSS). Located at UMAB, the Maryland Institute for Emergency Medical Services Systems (MIEMSS) is the state lead agency for coordinating an organized statewide emergency medical services (EMS) system. Committed to advancing the total care of the critically injured or ill patient, MIEMSS coordinates communications, transportation, and more than 60 emergency care facility networks, as well as training and education for prehospital care providers throughout the state. The goal of MIEMSS is to provide continuity of care from the scene of the emergency through rehabilitation.

The Shock Trauma Center, the clinical hub of this state EMS system, annually cares for more than 2,500 critically ill or injured patients from Maryland and the surrounding states.

Emphasizing holistic care, the Shock Trauma Center is a more than 100-bed treatment facility made up of an admitting area, three operating rooms, postanesthesia recovery unit, a critical care recovery unit, a neurotrauma unit, an intensive care unit, an intermediate care unit, a hyperbaric oxygen therapy unit, and a 24-hour clinical STAT laboratory. Teams of emergency physicians and nurses, as well as neurosurgical and orthopedic consultants, are available around the clock to treat trauma patients. Rehabilitation starts as early as possible in the recovery process. A new building—the R Adams Crowley Shock Trauma Center—will be ready for patient occupancy in January 1989.

A national leader in trauma and emergency medicine, MIEMSS develops new concepts in patient therapies, teaching, research, management, system engineering, and EMS training and systems development. Numerous workshops and symposia on trauma and emergency care topics are offered each year. Information is available upon request.

Shock Trauma Center available to: Critically ill or injured patients.

State EMS System available to: Anyone

Shock Trauma Center fees: Depend on service.

Publications: *Maryland EMS News* (monthly) and informational brochures, on request.

Information:
R Adam Cowley, M.D., Director
Maryland Institute for Emergency Medical Services Systems
UMAB
22 S. Greene Street
Baltimore, MD 21201-1595
(301) 328-6846

Maryland Kidney Stone Center. Provides to patients suffering with kidney stones a revolutionary non-surgical treatment called Extracorperal Shock Wave Lithotripsy. A 40 minute videotape of an ESWL procedure may be viewed at the center. The Center is a joint-venture between UM Medical System and four other Baltimore hospitals.

Available to: As above

Fees: Depend on service.

Hours: M-F, 7:30am to 3:45pm.

Information:
Carol Anders, Administrator
Maryland Kidney Stone Center
6115 Falls Road
Baltimore, MD 21209
(301) 377-2622

Maryland Organ Procurement Center, Inc. Medical transplant referral service provides donor coordination and information, including educational materials and speakers for community groups or interested agencies.

Available to: Anyone

Fees: FREE

Hours: Donor coordination and information, M-F, 8:30am to 4:30pm; Donor referral, 24-hour service.

Publications: *Make a Miracle Happen* and other informational brochures, on request.

Information:
Dave Kappus, Administrator
Maryland Organ Procurement Center, Inc.
Box 98
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-3626

Maryland Psychiatric Research Center. Long associated with the study of schizophrenia and related disorders, this clinical research center won in Spring 1986 a $1.2 million award from the National Institute of Mental Health to further its work of seeking alternatives to long term antipsychotic medication. Located at Spring Grove Hospital. Dr. William Carpenter, Director.

Available to: Prospective patients, age 18 to 45 with no medical disabilities.

Fees: FREE

Information:
Vito Seskunas, Administrator
Maryland Psychiatric Research Center
P.O. Box 21247
Catonsville, MD 21228
(301) 455-7138
Outpatient Treatment: **455-7548**
Genetics Counselling: **455-7877**
Movement Disorders : **455-7931**

Maryland Sudden Infant Death Syndrome (SIDS) Information and Counseling Project. SIDS, responsible for the death of approximately 7,000 infants each year, can't be predicted or prevented. The staff of this University group step in to help the entire affected family deal with the shock and grief that is inevitable in the aftermath of a SIDS death. Ongoing research by University specialists seeks answers to the causes and cure of SIDS. Library of SIDS research articles and articles on grief available, as well as informative audio-visual materials. Public speakers on SIDS available on request.

Available to: Anyone

Fees: FREE

Publications: Semi-annual newsletter and brochures on request.

Information:
Dr. Tyson Tilden
Maryland SIDS Information and Counseling Project
School of Medicine
UMAB
Bressler Research Building, Room 10-033
Baltimore, MD 21201
(301) 328-5062

Maryland Tissue Bank, Inc. Skin, bone and soft tissue bank providing donor coordination, tissue retrieval and tissue distribution services. Educational materials and speakers for community groups or interested agencies are available.

Available to: Anyone

Fees: For tissues provided.

Hours: Donor coordination and information, M-F, 8:30am to 4:30pm; donor referral, 24-hour service.

Publications: *Make a Miracle Happen* and other informational brochures, on request.

Information:
Caro Stennett
Maryland Tissue Bank, Inc.
Box 98
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-3626

Montebello Center. Although it belongs to the state, Montebello Center's clinical services are provided through an inter-agency agreement with The University of Maryland. Montebello Center is a 150 bed hospital for in-patient treatment and rehabilitation. The Center has a number of specialized units including spinal cord, neurological, pulmonary, general rehabilitation, head injury, poly trauma, and stroke.

Available to: Any patient needing rehabilitation services.

Fees: Determined by state.

Information:
James Flynn, M.D., Director
University of Maryland/Montebello Center Affiliation
2201 Argonne Drive
Baltimore, MD 21218
(301) 554-5200

Outpatient Psychiatry. A comprehensive program of the Department of Psychiatry at the University of Maryland School of Medicine. Diagnostic and a wide range of treatment services are available in individual, group, and family settings. Various specialized services are offered to those with particular needs, for example, patients with anxiety disorders, professional students, and families of patients with AIDS.

Available to: Anyone

Fees: Sliding scale

Information:
Scott A. Spier, M.D.
Institute of Psychiatry
UMAB
645 W. Redwood Street
Baltimore, MD 21201
(301) 328-6018

Painful Foot Center. Direct your aching feet to the only multidisciplinary foot center on the East Coast, located at University Hospital. The Center treats patients with simple or complicated foot and ankle problems, especially failures of previous surgery. Professionals, ask for information about the multiple research studies either completed or in progress. Consulting available.

Available to: Anyone

Fees: Depend on service.

Hours: M, 9am to 5pm, by appointment.

Information:
Dr. John E. Kenzura, Director
Painful Foot Center
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-6040

Pediatric Endocrine Clinic. Consultative services for children and adolescents with diabetes or endocrine disorders.

Available to: Children under 18 years.

Fees: Initial visit $150.

Information:
Dr. Allen A. Kowarski
Director
Endocrine Diagnostic Unit
10-047 Bressler Building
UMAB
Baltimore, MD 21201
(301) 328-3410

Physician's Referral Program. For streamlined access to UM physician practices, see index.

Pigmented Lesion Clinic. The state's first clinic for detecting and treating patients with cancerous moles and identifying others who may be susceptible to this often fatal disease, the incidence of which has been rising annually. The clinic's goal is to promote public awareness of melanoma risks and to offer a specialized alternative to local treatment. The clinic is housed in the Department of Dermatology.

Available to: Anyone

Fees: Initial exam, $75.

Hours: Mondays, early pm.

Information:
Dr. Linda L. Lutz, Director
Pigmented Lesion Clinic
The University of Maryland Hospital
UMAB
Baltimore, MD 21201
(301) 328-3167

Preventive Cardiology Center. Provides medical and counseling services in the prevention of coronary heart disease. The center's services are equally valuable for patients who have experienced myocardial events and want to minimize the risk of recurrence.

Available to: Anyone

Fees: $5 to $100 depending on type of medical service.

Hours: M & T, 8:30 am to 4:30 pm; W, 8:30 to noon.

Information:
Dr. Roger W. Sherwin, Director
Preventive Cardiology Center
UMAB
610 W. Lombard Street
Baltimore, MD 21201
(301) 328-7160

University of Maryland Cancer Center. Director: Joseph Aisner, M.D. The University of Maryland Cancer Center (UMCC) of the University of Maryland Medical System and the Program of Oncology of UMAB is engaged in a multi-disciplinary effort consisting of inpatient and outpatient clinical programs interrelating with broad laboratory investigations and studies.

These programs include drug and combined modalities treatment of patients with cancer, with particular emphasis upon acute leukemia, breast and lung sarcomas, lymphomas, lung cancer, gastrointestinal cancer, head and neck cancer, urological malignancies, central nervous system tumors, and other tumors of advanced nature. The UMCC provides the necessary expertise and specialized care as required with 44 inpatient beds, eight laminar air flow/intensive care units and an outpatient facility to serve all oncology specialties. In addition, the UMCC staff includes a psychiatrist, social workers and recreational therapist. The clinical areas include cell component therapy, pharmacy, clinical pharmacology, microbiology, and other clinically related programs. Also involved are extensive laboratory efforts in clinical biochemistry, pharmacology, cell differentiation, microbiology, molecular biology, pathology, immunology and cytogenetics.

Students at any level may consider research work at the UMCC. The program offers one-day, on-site visits and instruction to high school science classes and out-of-town nursing student classes. Video tapes of psycho-social problems in cancer management may be rented for $25 or purchased for $150. UMCC faculty are available through the UMCC Speakers Bureau to present lectures on subjects related to various types of cancers and their management.

Medical Community: Consultations for patients with cancer or the likelihood of cancer are available upon request. A number of multidisciplinary treatment programs are in effect, including the breast evaluation program and the head and neck cancer chemotherapy program.

Potential Patients: Physician referral preferred.

Referral Information:
Iris Moskowitz
University of Maryland Cancer Center
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-7904

University of Maryland Medical Service Plan. Medical services in a group practice, multi-specialty atmosphere available to the public without referral. Faculty physicians in 13 groups provide quality, state of the art medical care with access to the latest technology, research, and equipment. Many of these private practices now offer their services out of the totally renovated University of Maryland Professional Building. The building, designed with the patient in mind, offers custom designed office space, a pleasant, comfortable environment, and appropriate support services for ease of use. Its convenient location, one block east of University of Maryland Hospital, provides accessibility to the patients as well as the physicians. These private practices can be reached by calling a general access number or by dialing direct to the specific medical office. The services available and the direct phone numbers are listed below:

Specialties	
EKG Services	328-3186
Family Medicine	328-5140
Finesinger Clinic & Psychiatry Services	328-6106
Laboratory Services	328-3404
Maryland Pain Therapy	328-5063
Medicine (all divisions)	328-5196
Cardiology	
Dermatology	
Endocrinology	
Gastroenterology	
General Internal Medicine	
Geographic Medicine	
Hypertension	
Infectious Diseases	
Nephrology	
Pulmonary Diseases	
Rheumatology	
Neurology	328-5858
OB/GYN	328-6640
Ophthalmology	328-6533
Pediatrics (hospital location)	328-6495
Radiation Oncology	328-7227
Radiology	328-3225
Surgery	
General Surgery	328-5300
Neurosurgery	328-5714
Orthopaedic Surgery	328-6042
Otolaryngology (ENT)	328-6866
Thoracic and Cardiovascular Surgery	328-7301
Urology	328-5666

Available to: Physicians, patients and other concerned parties.

Fees: Inquire at specific practice office.

Information:
Betsy Owens
Referral Coordinator
(301) 328-6363 (public use)
(301) 328-2999 or
1-800-492-5538 (physician use)

NURSING

Center for Nursing and Health Services Research. Consultation on problem formulation, design, measurement and statistical analysis for health research/evaluation projects, preparation of research grant proposals, and identification of potential funding sources is provided by this School of Nursing unit, which is listed as a resource by the Library of Congress research section.

Available to: Concerned parties

Fees: FREE to School of Nursing faculty, students, alumni; fee to others depends on extent of consultation.

Information:
Ada Jacox, R.N., Ph.D., Director
Center for Nursing and Health Services Research
School of Nursing
UMAB
655 West Lombard Street
Baltimore, MD 21201
(301) 328-7848

Community Health Nurse Program. Team training in weekly sessions for community health nurses in Western and Central Maryland focuses on high risk, low weight infants often born to teenage mothers. Taught: early identification, assessment, hospital follow-up, counseling, and referral support for parents.

Available to: As above

Fees: FREE

Information:
Barbara Byfield
Co-Director
Community Health Nurse Program
School of Nursing
UMAB
Baltimore, MD 21201
(301) 328-

Continuing Nursing Education, UMCP. Annual two-day conference co-sponsored by the American College Health Association is held in January each year. Topics chosen for the conference are especially relevant to the provision of health care to a college age population.

Available to: Nurses, health care professionals and students.

Fees: Registration fee for non-staff attendees varies.

Information:
James H. Dotson, Jr.
Coordinator of Programs and Training
University Health Center
UMCP
College Park, MD 20742
(301) 454-6751

Continuing Education, School of Nursing. The University of Maryland's primary resource for continuing nursing education provides non-credit short courses, workshops, conferences and seminars for registered nurses throughout the state. CEU's are awarded for all programs, which are taught by University faculty. The School of Nursing's Continuing Education Program provides consultation upon request to any state community college, hospital, or health agency interested in programs for nurses; an information library is maintained in the program offices that is available to nursing educators.

Available to: Concerned parties

Fees: Registration fee varies.

Information:
Barbara Byfield, Assistant Dean
Continuing Education
School of Nursing
UMAB
655 West Lombard Street
Baltimore, MD 21201
(301) 328-3767

Montgomery County Nursing. A new full graduate program in nursing administration is offered for first time in Fall 1988 by the UM School of Nursing. All classes held on the campuses of Montgomery College and the National Institutes of Health. Information, (301) 328-7503.

Nursing Informatics Program. New graduate program at UMAB combines nursing and computer expertise to produce health professionals who can understand and design data systems, and draw on the increasing technology in health care. Consulting to interested schools, governments, or health care institutions.

Available to: As above

Fees: Depend on service.

Information:
Dr. Frieda Holt
Nursing Informatics Program
School of Nursing
UMAB
Baltimore, MD 21201
(301) 328-6711

Psychiatric Nursing Program. All faculty participate with the community as consultants in the area of their clinical expertise, as speakers for meetings, mental health consultants, and as private practitioners.

Available to: Concerned parties

Fees: Depend on service.

Information:
Dr. Ann Cain
Psychiatric Nursing Program
School of Nursing
UMAB
655 W. Lombard Street
Baltimore, MD 21201
(301) 328-7782

Registered Nurse Program, School of Nursing. Numerous health care agencies in the state of Maryland and D.C. benefit from the University's requirement that nursing students have experience in a clinical setting. In order to remain current, nurse faculty are also required to engage in direct clinical practice. Special curriculum leading to baccalaureate for registered nurses. Faculty are also available as consultants, speakers on certain topics, and as advisors on health care issues in all clinical areas, as well as in administration and education.

Available to: Interested parties

Fees: Depend on service.

Publications: FREE brochure, "RN to BSN, The Degree of Opportunity."

Information:
Dr. Lesley Perry, Chair
RN Program
School of Nursing
UMBC
Baltimore, MD 21228
(301) 455-3450

Senior Year Undergraduate Program, School of Nursing. Numerous health care agencies in the state of Maryland and the National Capital Area benefit from the University's requirement that senior nursing students have experience in a clinical setting. Nurse faculty also engage in direct clinical practice, and are available as research consultants, speakers for meetings, and advisors on health care and clinical practice issues in a variety of clinical areas.

Available to: Interested parties

Fees: Depend on service.

Information:
Elizabeth Arnold, Chair
Senior Year Undergraduate Program
School of Nursing, Parsons Hall, Room 540
UMAB
655 West Lombard Street
Baltimore, MD 21201
(301) 328-7778

NUTRITION

Applied Neuroscience Research Institute. You are what you eat, according to this joint UMES/School of Medicine UMAB project whose major focus is research relating diet and environmental pollutants to intelligence and behavior, particularly in children and child development. The institute has one of the world's largest standardized data bases for documenting brain wave action. Premature babies, autistic, mentally retarded and learning disabled children, adults who have shown criminal behavior, stroke and tumor victims, epileptics and elderly people with senile dementia are all part of the data base.

Available to: Concerned parties
Fees: Depend on service.
Information:
Dr. Robert Thatcher, Director
Applied Neuroscience Research Institute
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 538

Cooperative Extension Service. Numerous programs on nutrition and homemaking. See index.

Diet Computer. Our computer program analyzes what you eat on a typical day. If you don't earn a compliment for improvement, you'll get instead tips for good eating, and particularly what nutrients or vitamins you need in greater quantity. Will work with groups or run an analysis for anyone who sends self-addressed stamped envelope.

Available to: Anyone
Fees: FREE

Information:
Dr. Tamara Vega
Cooperative Extension Service
1200 Symons Hall
UMCP
College Park, MD 20742
(301) 454-3602
or call your county extension office, see index.

Eating Disorders Program. Help with problems of anorexia and bulimia at UMCP. See index.

Hotel and Restaurant Management, Department of. Consulting to profit or non-profit organizations on feeding multitudes. See index.

Human Ecology, Department of. Training programs for food service workers are offered by this UMES academic unit, which also sponsors Nutrition Aids for the Elderly programs and Nutrition Education courses for teachers. Fees and dates by arrangement.

Available to: Concerned agencies and organizations.
Fees: Depend on service.

Information:
Dr. Retia S. Walker, Chair
Department of Human Ecology
UMES
P.O. Box 1042
Princess Anne, MD 21853
(301) 651-2200, ext. 586

Nutrition Support Service. If you have a patient at home who needs intravenous feeding but who does not require hospitalization, you can arrange for this care through the Nutrition Support Service, a division of The University of Maryland Hospital. Consultations, referrals, and questions regarding intravenous nutrition are welcomed from other health professionals and the public who feel they have candidates for this service.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Gail Rosen
Nutrition Support Service
N1W89 University Hospital
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-6936

PHARMACY

B. Olive Cole Pharmacy Museum. See index.

Clinical Pharmacokinetics Laboratory. This UMAB Laboratory develops and applies the principles of pharmacokinetics in the therapeutic use of drugs in patients. The CPL provides drug assays and pharmacokinetics expertise to health care providers conducting clinical research or individualizing drug dosage regimens. A graduate program in pharmaceutics with a pharmacokinetics specialty is available through the CPL.

Available to: Individual health care providers, hospitals, drug industry and interested governmental agencies.

Fees: Negotiable

Publications: Brochure describing details of offered services is available upon request.

Information:
Lawrence J. Lesko, Ph.D.
Director, Clinical Pharmacokinetics Laboratory
UMAB
20 N. Pine Street
Baltimore, Maryland 21201
(301) 328-6573

Community Pharmacy Link. Brings UM's 54 School of Pharmacy faculty in computer touch with Maryland's 200 community pharmacists via Co Sy, a computer conferencing system already used throughout the school. Participants gain access to complete up-to-the-minute pharmaceutical information. In the pilot program all community pharmacists are preceptors in PEP, the School's Professional Experience Program for student pharmacists.

Available to: As above

Fees: FREE

Information:
Dr. Alan B. McKay
School of Pharmacy
UMAB
20 N. Pine Street
Baltimore, MD 21201
(301) 328-7568

Drug Information Center. You've just heard about a new drug called Nicorette that's supposed to help you stop smoking. How do you find out more about it? The answer's as close as your phone. Call University Hospital's Drug Information Center, which offers much-needed unbiased drug information FREE. Usually your question about any drug will be researched and answered within one day, and your call returned.

Available to: Anyone

Fees: FREE

Information:
Dr. Edward J. Haas, Director
Drug Information Center
Department of Pharmacy Services
N1W89 University Hospital
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-5668

"Eldercare." This quarterly newsletter abstracts the geriatric/gerontology literature and is currently received by over 30,000 health care professionals nationwide.

Available to: Anyone

Fees: Subscription FREE

Information:
Dr. Peter P. Lamy, Director and Editor
"Eldercare"
Center for the Study of Pharmacy and
Therapeutics for the Elderly
School of Pharmacy
20 N. Pine Street, Room 730
UMAB
Baltimore, MD 21201
(301) 328-7650

Elder-Ed. Elder-Ed is a consumer drug education program for senior citizens and their care-givers. Pharmacy students and senior pharmacists team up to speak to groups about medications for seniors and the importance of taking them correctly. Topics include Aging and How It Affects Your Response to Medications, Non-Prescription Medicines, Generic Drugs, Nutrition and Vitamins. Additional elder-health subjects include care of skin and eyes, problems of the caregiver, and community resources. Other needed help or information by request. Talks and presentation may be given at health fairs, senior centers, churches, synagogues, schools and community centers. Videotape "The Medicated Generation" available for loan. Elder-Ed has received an award of merit from the Secretary of Health and Human Services.

Available to: Senior citizens and their caregivers.

Fees: FREE

Publications: 14 different FREE pamphlets on selected topics by request. Ask for "The Medication Record."

Information:
Madeline Feinberg, Director
Elder-Ed
School of Pharmacy
UMAB
20 N. Pine Street
Baltimore, MD 21201
(301) 328-3243

Elder Health Caregiver Program. To help those who care for senior citizens and who worry about whether they're taking their medications properly, about communicating with their doctor or pharmacist, and about paying for expensive drug therapy. Information, too, for professional caregivers who work with the elderly. Students and faculty from UMAB's School of Pharmacy provide educational programs for this audience at convenient locations on such issues as drug action, adverse drug reactions, diet and drug therapy, medication compliance. Training for continuing education credit may be arranged through professional associations.

Available to: Family caregivers, health care providers.

Fees: FREE

Hours: Programs are offered 7 days a week on request.

Information:
Madeline Feinberg, Director
Elder Health Caregiver Program
School of Pharmacy
UMAB
20 N. Pine Street
Baltimore, MD 21201
(301) 328-3243

Elder Visitation Program. Community-living elderly who would welcome a pharmacy student into their homes are invited to contact this program. The student selects a senior and visits periodically, addressing his or her medication, health, nutrition, and other needs. The student learns the aging community network and acts as a personal source of information for the elder person. Faculty members meet with the students frequently for evaluation and validation. Often friendship is a lasting feature of this innovative program.

Available to: As above.

Fees: FREE

Information:
Madeline Feinberg, Director
Elderly Visitation Program
School of Pharmacy
UMAB
20 N. Pine Street
Baltimore, MD 21201
(301) 328-3243

Maryland Poison Center. Provides telephone information on the toxicity of various drugs, chemicals, household products, etc. and recommends specific treatment to the general public and health professionals.

Since most accidental exposures do not require hospital treatment, the Maryland Poison Center (MPC) pharmacists and nurses play a major role in preventing unnecessary visits to emergency rooms. A public service

activity of the UMAB's School of Pharmacy, the MPC is the state-designated poison center for Maryland. The Center can provide telephone stickers, MR. YUK stickers, poison information cards and posters in limited quantities at no charge as well as loan film-strips on poison prevention topics. A certified regional center of the American Association of Poison Control Centers, the Center is the data collection point for poisoning incidence in Maryland.

Available to: Anyone

Fees: No fee for emergency services.

Publications: *Toxalert*, a clinical toxicology newsletter for health professionals, by request.

Hours: 24 hours a day, 365 days a year.

Information:
Gary Oderda, Pharm.D., M.P.H.
Director
Maryland Poison Center
UMAB
20 N. Pine Street
Baltimore, MD 21201
Emergency
(301) 328-7701 or
(800) 492-2414
(Maryland only/toll-free.)
Business/Media:
(301) 328-7604

Pharmacy Services. The Department of Pharmacy Services provides a broad range of services to the patients of The University of Maryland Medical System/Hospital, MIEMSS, and The University of Maryland Cancer Center on a twenty-four hour per day basis. Services include a Drug Information Center, Nutritional Support Consulting Service, I.V. Admixture Laboratory, and a computerized unit dose medication distribution system. An expanding variety of clinical services are provided via a concept which centralizes production functions and decentralizes pharmacists to the patient care areas. Pharmacists are intimately involved with investigational drug studies, pharmacokinetics consultations, and educational support to the Schools of Pharmacy, Medicine, and Nursing. The Department conducts with the School a joint two year graduate degree/residency program in Hospital Pharmacy. The comprehensive approach to patient care professional services also provides a firm basis to maintain the educational and research obligations inherent in a University setting. Dr. Joseph Gallina, Director.

Available to: Anyone

Fees: Informational services FREE.

Information:
Dr. Joseph Gallina, Director
Department of Pharmacy Services
NTW89 University Hospital
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-5650

SPECIAL NEEDS

AIDS Services. Legal and counseling services for AIDS patients offered by UM. Please see index.

Braille Computer Terminal. A braille terminal is now available for use in the Computer Science Center by all visually impaired UMCP students, and under certain conditions by any visually impaired person in the state. Located in User Services. For information, please call 454-4255, or the hotline 454-3000.

Breathe Easy, the Stop Smoking Clinic. How many times have you tried to quit? This time make it easy on yourself. Family Medicine will help you break the cigarette habit with counseling and a prescription chewing gum that fights withdrawal symptoms. A 12-week course that could add years to your life.

Available to: Anyone

Fees: $150

Information:
Dr. Edward J. Kowalewski, Chair
Department of Family Medicine
School of Medicine
UMAB
655 W. Baltimore Street
Baltimore, MD 21201
(301) 328-5140

The Center for Living. This psychosocial reintegration service for trauma recoverees and their families is the post-hospital bridge program in the MIEMMS continuum of care concept. The Center, where emphasis is on reintegration into activities of daily living, is designed to address the social, psychological, behavioral, cogni-

tive and job preparedness needs of poly-injured and head-injured persons. The facility provides neuropsychological testing and a full range of diagnostic evaluation services. Clinical services include: individual, family and group counseling; speech and language therapy; occupational therapy; educational therapy, and dance/movement therapy. The Center conducts three accredited day programs, Life Enrichment and Educational Program (LEEP), a social reorientation service, the Cognitive Relearning (CORE) program for head-injured clients, and a Work Readiness Program (WRP), as well as a Social Activities Center where trauma recoverees can come together informally to socialize and share experiences in a recreational setting.

Available to: Post rehabilitation EMS patients and families.

Fees: Sliding-scale and third party payment.

Information:
Marge Epperson-SeBour, MSW, Director
Psychosocial Services, MIEMSS
UMAB
22 So. Greene Street
Baltimore, MD. 21201
(301) 328-6416
or
Elaine Rifkin, MSW, Clinical Director
Center for Living
2201 Argonne Drive
Baltimore, MD 21218
(301) 243-2800

Child and Adolescent Psychiatry Outpatient Clinic. A specialized resource for child and adolescent psychiatry, the Clinic provides comprehensive services including evaluations and several treatment modalities. Members of the multi-disciplinary team provide individual psychotherapy and specialty group therapy for learning disabilities, sexually abused children, parents groups, and adolescent groups. Family therapy and pediatric psychopharmacology are also offered.

Available to: Children, adolescents, and family groups.

Fees: Depend on service.

Information:
Gail Lewis, R.N., M.S.
UM Hospital
Child and Adolescent Psychiatry Clinic
UMAB
645 W. Redwood Street
Baltimore, MD 21201
(301) 328-6822
Referrals are available.

Children's Special Needs. The University of Maryland System has many ways of helping children with physical, emotional, developmental and educational needs. Please see also the "Children and Families" section in Chapter 8, or call the hotline, 454-3000.

Cooperative Extension Service. Various programs for persons disabled. See index.

Disabled Student Services. Created to assure access to UMCP programs for students with disabilities, Disabled Student Services offers consultation and referral on handicapping conditions and appropriate accommodations to the outside community on request. Available to state educators are in-service conferences on how to adapt programs for disabled students. DSS trains volunteers and interns to provide specific services to the disabled—for example, reading for the blind. Need a sign language interpreter? DSS can refer one—for theater productions, graduation ceremonies, speeches. Consultation to potential students, their parents and counselors is always available.

Available to: Anyone

Fees: FREE

Publications: *Services for Students with Disabilities*, FREE upon request.

Information:
Dr. William R. Scales, Director
Disabled Student Services
0126 Shoemaker Hall
UMCP
College Park, MD 20742
(301) 454-5028
(TTY) 454-5029

Emergency Medical Team Support. See Maryland Critical Incident Stress Debriefing Team, this section.

Health Data Management Center. The computing and statistical branch of the Department of Epidemiology and Preventive Medicine offers a wide variety of services in the processing of health-related

data. Included are study design, forms design, data entry/verification, data editing/updating, data management, statistical analysis, computer programming, graphics and systems analysis. Clinical trials, interview studies, mass screening programs, community surveys, disease registries, health care evaluations and demographic projections are among the activities supported.

Available to: Anyone

Fees: Depend on service.

Information:
James F. Gardiner, M.S., Director
Health Data Management Center
Department of Epidemiology and Preventive Medicine
UMAB
655 West Baltimore Street
Baltimore, Maryland 21201
(301) 328-7866

Hospice Program, UMMS/Hospital. Brings together professionals from nursing, medicine, psychiatry, social work, pastoral services, volunteer services, pharmacy, dietary services and the hospital administration to serve as a resource for the terminally ill patient and his medical team. While the hospital does not have its own hospice facility, the hospice program members will help locate comfortable alternative care, will advise on the patient's nutritional needs, and will help provide emotional and other support within the various specialties.

Available to: Anyone

Fees: None

Information:
Loretta Wall, Director
Department of Social Work, UMMS
UMAB
Baltimore, MD 21201
(301) 328-6700
or
Rev. Carl H. Greenawald, Director
Chaplaincy Service, UMMS
UMAB
Baltimore, MD 21201
(301) 328-6014

Infant Hearing Assessment Program (IHAP). Volunteers at The University of Maryland Hospital test high-risk infants for possible hearing loss, and will train volunteers for other IHAPs.

Available to: Infants born at UM Hospital or referred by UM doctors.

Fees: Service FREE; hospital fees depend on service.

Hours: M-Sat, 10am to 2pm.

Information:
Dr. Charles M. Suter
University Hospital
UMAB
Baltimore, MD 21201
(301) 328-3088

Lifeline. See index.

Maps for the Blind. Tactile maps for the visually impaired include the Capitol, the Mall, and the Metro rail system. Created at UMCP by cartographer Dr. Joseph Wiedel, the maps are available free from the U.S. Capitol Police or Lighthouse for the Blind, 1421 P Street, N.W., Washington, D.C. 20071. More information from the hotline, 454-3000.

Maryland Critical Incident Stress Debriefing Team. This psychosocial service is provided to any EMS Fire/Rescue personnel experiencing the psychological and/or the emotional aftershocks of a critical incident—for example, death of a child, death of a co-worker while on duty, incidents attracting mass media coverage, disasters, or anything evoking a strong emotional reaction. Confidential, supportive intervention is available to groups or individuals and is intended to reduce stress, teach new techniques of managing stress, and prolong the service life of the individual or group. The team is comprised of 24 volunteer mental health professionals and 45 volunteers first responders who serve as peer support members on the team.

Available to: EMS Fire/Rescue personnel

Fees: None

Information:
Christie Polen, MSW
Maryland Critical Incident Stress Debriefing Team
Psychosocial Services
MIEMSS
22 S. Greene Street
Baltimore, MD 21201
(301) 328-6416

Minority Health Laboratory. Created at UMCP to respond to the wide disparity found in morbidity and mortality between minorities and the remainder of the population. Addresses the needs of minority populations through comprehensive disease prevention, health promotion and education programs on four levels: information, policy, training, and research.

Available to: University departments, community groups, hospitals and schools.

Fees: Depend on service.

Information:
Department of Health Education
Suite 2387, PERH Building
UMCP
College Park, MD 20742
(301) 454-4312

Patient-To-Patient. New volunteer organization of The University of Maryland Cancer Center puts new patients in touch with others who have been through the experience previously. Functioning like a "buddy system" PTP provides emotional support and practical answers as well as information about community and hospital resources for financial and medical questions. Mr. Hillel Socloff, Executive Director, UM Cancer Center. (Also see Volunteer Service Department, index.)

Available to: Cancer Patients

Fees: None

Information:
Patient-To-Patient
Hospital Volunteer Services
(301) 328-5600

Psychosocial Services Department, MIEMSS. Staff are concerned with treating the psychological, emotional and social consequences of trauma. In their interventions these clinicians collaborate with the physician and nursing staffs to help minimize the disabling effects that poly-injury can have on the patient and his family. Through its three divisions the Department provides psychosocial support services from the onset of injury, through rehabilitation, to social-reintegration back into the community. Psychological support services are also supplied to pre-hospital EMS fire/rescue personnel. Marge Epperson-Sebour, Director.

Available to: As above

Fees: NA

Information:
Family Services Division/MIEMSS
(301) 328-6416
Social Services Division—MIEMSS/Montebello
(301) 554-5200
Center for Living
(301) 243-2800

Sleep Study Clinic. For whatever's preventing you from sound sleep, here's help. Sleep diagnostic services, evaluation and testing, including polysomnography for sleep apnea and insomnia.

Available to: Anyone

Fees: Depend on service.

Information:
Dr. Herbert Gross, Director
Sleep Study Clinic
UMAB
645 W. Redwood Street
Baltimore, Maryland 21201
(301) 328-8077

Speech-Language-Hearing Clinic, TSU. This Clinic, located on the Towson State University campus, offers a wide variety of communication services. The staff consists of TSU faculty members who are also professionals in the fields of speech-language pathology and audiology. In addition, undergraduate and graduate students in speech-language pathology and audiology assist in evaluations and work with clients under the careful supervision of the professional staff. Services include speech and language testing, diagnostic teaching, and treatment in the areas of articulation, language, stuttering (fluency), cleft lip and palate, voice, laryngectomy, aphasia and foreign dialect. Clinic staff also perform hearing services, including hearing aid fitting and evaluation, central auditory testing, aural rehabilitation groups, counseling, and referral for further testing.

Available to: Towson State University students, faculty and staff, as well as the community in and around Towson.

Publications: Brochure, available upon request.

Fees: Those clients not affiliated with Towson State pay $25 for speech-language evaluation and/or hearing evaluation; $60 for a semester of treatment services (as of 8/88). There is no charge for services provided to TAU students, faculty and staff.

Information:
Speech-Language-Hearing Clinic
Towson State University
Towson, MD 21204-7097
(301) 321-3095

Speech, Language and Hearing Clinic, UMCP. Children and adults of all ages with communication disorders are welcome to use the services of this professional clinic, located across from the south dining hall on the UMCP campus. These services include speech and language evaluation and therapy, hearing evaluation, hearing aid fitting and orientation, and aural rehabilitation (habilitation) services. The clinic also provides speech-language diagnostic screening and hearing screening to various nursery schools and community agencies upon request.

Available to: Anyone

Fees: Sliding scale, fixed fee schedule. (FREE to UMCP full-time students, faculty and staff, special 50% discount to retired UMCP employees, part-time students, immediate family of faculty, staff and full-time students.)

Information:
Susan Patrick, Director
Speech and Language Services
or
Margaret McCabe, Director
Audiology Services
Speech, Language and Hearing Clinic
LeFrak Hall
UMCP
College Park, MD 20742
(301) 454-2546

Supportive Care Program. This inpatient service provides intensive rehabilitation for older adults who have suffered severe fractures, strokes, etc. Gives older adults and their families sufficient skills to allow the patient to return to the community. Services include: medical care, physical therapy, occupational therapy, recreational therapy, social work, and pastoral counseling. The program is a joint venture of the University of Maryland Department of Family Medicine and the John L. Deaton Hospital and Medical Center.

Available to: Older adults

Fees: Depend on service.

Information:
Karen James, L.C.S.W.
Harriet Mandell, L.C.S.W.
George Taler, M.D.
John L. Deaton Hospital and Medical Center
611 S. Charles Street
Baltimore, MD 21230
(301) 547-8500 or (301) 659-0900

Trauma Recovery Group Network. The Trauma Recovery Group Network is a self-help group initiated in February, 1979, to address the psychosocial problems which are a residual outcome of sustaining traumatic injuries. These recoverees provide emotional support, help in solving problems and offer friendship to one another. Trauma Recovery Groups meet in the Baltimore area, Montgomery County, and Washington County.

Available to: As above

Fees: N/A

Information:
Jeff Levesque, MSW, LCSW
Director of Social Work
Rehabilitation Hospital Montebello
22 Argonne Drive
Baltimore, MD 21218
(301) 554-5327
or
Linda Wolfe
(301) 255-1449

UNIHEALTH Wellness Program. A comprehensive health promotion and wellness program is offered by the Department of Epidemiology and Preventive Medicine. The components include a computerized health risk appraisal instrument, health behavior modification programs in smoking cessation weight reduction, hypertension control, nutrition, etc., individualized health modification interventions as well as a variety of corporate health promotion and cost-containment programs.

Available to: Anyone

Fees: Depend on service.

Information:
Irving I. Kessler, M.D., Director
UNIHEALTH Wellness Program
Department of Epidemiology and Preventive Medicine
UMAB
655 West Baltimore Street
Baltimore, Maryland 21201
(301) 328-7866

Video Programs on Health Topics. Award-winning videos about a variety of health problems available through Video Services, UMAB. See index.

Workshops for the Disabled. Offered annually by the UM Cooperative Extension Service for specialized instruction and exchange of ideas. More information from county CES offices, see index.

For more information or liaison, let us help.
Call the public service hotline...

(301) 454-3000

BEST COPY AVAILABLE

CHAPTER EIGHT

LIFESTYLE: HOME AND WORK

CAREERS

Career Counseling. More job-related counseling resources are identified in the Counseling Section of this chapter.

Career Development Center, UMCP. Put yourself in the career fast lane. Buzz over to UMCP's Career Development Center for help in career planning, goal setting, and job seeking, to include:

Career Resource Center: Information treasure trove of materials for self-assessment, resume and interview how-to's, job market opportunities and even individual employer information. Check out the video tapes for quick exposure to the real world of the job search. DISCOVER(TM), a computerized career guidance system, can help you plan now and for the future. No fee. Open to the public.

Career Counseling: Professional counselors work with you one-on-one to plan and launch your career. No fee to current UMCP students and alumni.

Career Planning Course: Teaches effective job-seeking strategies for one credit and unlimited confidence. Credit fee. Open to anyone who enrolls as a full-, part-time, or special student at UMCP.

Credential Service: Keeps your letters of reference and pertinent personal information on file; photocopies and mails them at your request to prospective employers or graduate programs. Fee charged. Open to UMCP alumni.

On-Campus Interviewing: A chance to meet with reps of business and industry regarding career positions. Fee charged. Open to UMCP grad and undergrad students; UMUC students on referral.

Mini-Resume Referral Service: Resume briefs sent to employers at your request. Open to UMCP graduate students and alumni on limited basis. Fee charged.

Programs: Career fairs, workshops and group presentations give you the wider view on job markets and career trends. Announced each semester. No fee. Career fairs open to UMCP students and alumni, or as stated. Workshops/programs open to the public.

Career Check-Up Workshops: Intensive weekend skill-building workshops to guide you to new career objectives. Fee charged. Open to UMCP alumni, and public on a limited basis.

Professional Consultation: Career Development Center professionals consult with business, government and industrial organizations on: employee job enrichment programs, training and career development programs, human resource planning, and effective recruiting. Fee charged.

Available to: Counseling UMCP students and alumni on a limited basis. On-Campus Interviews UMCP and UMUC students. Career Resource Center open to the public.

Fees: Credential file service, on-campus interviewing, mini-resume referral service: fee charged.

Publications: *Placement Manual*, annually in Spring.

Information:
Dr. Linda K. Gast, Director
Career Development Center
3121 Hornbake Library
UMCP
College Park, MD 20742
(301) 454-2813

Career Development and Placement Center, UMBC. Acting as a liaison to the employing community, the Center provides career information and campus recruitment opportunities for students and alumni. Workshops include Communications, Assertiveness Training, Employment Seeking Skills, Interviewing, Resume Writing, Career Exploration, Dressing for Success and many other services and programs. A Career Research Library is available to those who want information about current employment opportunities, employment projections, career planning, as well as internships. Considerable information is available on companies/agencies/industries in brochures, pamphlets, monographs, audio and video tapes, books, and career files. Various fairs are organized to provide employment/career opportunities for students and alumni. A Career Fair is hosted by the Career Development and Placement Center and the Cooperative Education Office in November of each year to allow on-site interviewing and mutual assessment. A Summer Employment Fair is held annually in February to match up employment needs for students from June through August months. The Education Fair, valuable to potential teachers, is sponsored by the Greater Baltimore Consortium and held at Towson State University in April of each year. Call for the exact dates of these fairs.

Available to: Anyone

Fees: Usually FREE

Information:
Betty J. Glascoe, Director
Career Development & Placement Center
UMBC
Baltimore, MD 21228
(301) 455-2216 or 2069

Career Placement Center, Towson State University. The Center offers a variety of services intended to bring together Towson State students and prospective employers. Services provided to the business community include permission to list seasonal and full- and part-time positions with the Center; to have full-time positions requiring degrees published in the Center's *Job Subscription Mailer*, which is sent to recent graduates and approximately 25 other colleges and universities; to review resumes on file; to recruit on campus; to have company literature, video or audio tapes included in the Center's resource library; and to participate in numerous job fairs and informational career days held during the fall and spring semester.

Available to: Any employer in compliance with EEO guidelines.

Fees: Most services are free. However, employers may be charged a registration fee to participate in job fairs and career days.

Publications: A brochure is available upon request.

Information:
Francis J. LeMire
Director
Career Placement Center
Towson State University
Towson, MD 21204-7097
(301) 321-2233

Career Planning and Placement Center, UMES. An opportunity for you to assess interests, skills, values and to get assistance in focusing career goals/decisions. Other services include job preparation workshops, career fairs/seminars, trips, resume assistance, recruiters/interviews, a career library, testing services, internships, summer job bank, newsletters, and graduate school assistance.

Available to: Students, alumni, faculty, community.

Fees: FREE

Information:
Dorothy L. Waters, Director
Career Planning and Placement Center
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 566 or 233

Career Planning Services, UMUC. University College offers career planning help to adults considering a career change and to men and women reentering the work force. Services include individual counseling, credit and non-credit career decision-making courses, workshops and a career resource center. A computerized guidance and information system, *DISCOVER for Colleges and Adults*, is also available.

Available to: As above

Fees: Fee charged for courses and some counseling services.

Information:
Anne Kirchgessner
Career Planning Services
0300
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7275

UM System Career Planning Services. For career planning help at a UM System member institution not listed above, please call the appropriate University Relations office listed in Chapter IX, or the hotline, 454-3000.

CHILDREN AND FAMILIES

Boy Choir. Maryland Boy Choir open to boys age 8-13. See index.

Camp Tortuga. Even a small problem can be a crisis for a 5 to 12 year old. Children of that age group find help and good times at Camp Tortuga, a two-week therapeutic day camp held on the UMCP campus every summer since 1973. Arts, crafts, games, music, swimming, dramatics, day trips and other special events complement this intensive helping period for youngsters who are having difficulties in achievement, personal adjustment and/or group adjustment.

Available to: Qualified children, age 5 to 12.

Fees: $180

Hours: Usually last two weeks in June, M-F, 9:30am to 2:30pm.

Information:
Robert W. Freeman, Ph.D., Director
Camp Tortuga
Counseling Center
Shoemaker Bldg.
UMCP
College Park, MD 20742
(301) 454-7203

Center for Infant Studies. A resource for infants ages 0 to 3 who are at risk for mental health problems, often traceable to a home situaton—divorce, loss of job, or a death in the family. The Center at UMAB identifies early signs of social, emotional and mental distrubances, and employs a team approach to develop appropriate interventions to prevent subsequent problems in adulthood. Treatment services, couseling and education are provided for parents and other family members. Special events, information sessions and slide shows arranged by the Planning Council of the Center. Consulting to professionals from other agencies by arrangement.

Available to: As above, by self referral or by referral of other agency or professional.

Fees: Depend on insurance or medical assistance.

Information:
Dr. Taghi Modarressi, Director
Center for Infant Studies
Howard Hall
600 West Redwood Street
UMAB
Baltimore, MD 21201
(301) 328-2485

Center for Mathematics Education. For school children with problems in mathematics, UMCP's Center for Mathematics Education offers ways of catching on and catching up. Pre-service and in- service teachers in its ongoing Mathematics Clinic diagnose, prescribe and remediate learning problems in mathematics for children from kindergarten to grade 12. A ten-week clinic session is held for students in grades K-8 during the fall semester of each year. During the winter and spring, clinic sessions are held for secondary school students (grades 9-12). Clinic meets on Tuesdays, 4:15-5:30 and the charge is $125 per session. For teachers, the Center provides a full range of graduate level courses in elementary and secondary mathematics education. The Center also has taken numerous consultative roles with local, state and national education agencies. Center faculty will assist Maryland public or private schools by providing in-service workshops to retrain or upgrade elementary or secondary mathematics teachers. The Center also helps to plan and deliver programs that lead to secondary mathematics teaching certification.

Available to: As above.

Fees: See above

Information:
Dr. Patricia F. Campbell, Director
Center for Mathematics Education
2304 H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-7443

Center for Young Children. The Center at UMCP offers a choice of two programs for children: a beginning school experience or day care. The two are, however, partially interactive. Day care children do receive some

developmental instruction, and they join in activities like field trips, playground games, and special events such as puppet shows.

Beginning School. For approximately 70 three-, four-, and five-year olds, the Center is their first school experience. For educators, it is a research facility and a demonstration center which adds significantly to knowledge of children and of programs to educate them. Children are introduced to microcomputers as part of their curriculum. Parents of children in the pre-school are UMCP students, faculty or staff, with a limited number from nearby communities. A diversity of racial and socio-economic backgrounds is sought each spring when selection is made for fall classes. Pre-school lasts two and a half hours, either morning or afternoon, five days a week. A separate summer session is sometimes conducted in June.

Day Care. Full-time certified teachers, UMCP student teachers and volunteers provide care and some developmental instruction to approximately 80 three, four- and five-year olds whose parents are UMCP students, faculty or staff. Day care choices: full days or half-day increments (four hours, morning or afternoon), full week or part week schedules (M,W,F or T,Th, corresponding with academic class schedules).

Available to: As above.

Fees: Beginning School: FREE to observers and researchers. Cost to enroll child $120 per semester plus $75 activities and materials fee (1988; expected to rise in 1989).

Day Care: Sliding scale based on family income.

Information:
Dr. Elisa Klein, Director
Center for Young Children
First Floor, Cambridge Hall
UMCP
College Park, MD 20742
(301) 454-2341

Child Assessment Lab. Part of UMCP's College of Education, this unit is a source of information on the cognitive and social development of infants and toddlers, with a strong focus on the emotional development of infants.

Available to: Concerned parties

Fees: Depend on service.

Publications: Upon request

Information:
Dr. Nathan Fox
Child Assessment Lab
H.R.W. Benjamin Building
UMCP
College Park, MD 20742
(301) 454-2034

Child I.D. Program. A new in Fall 1985 child identification program in which a tiny information disc is bonded to a stress-free tooth. The disc contains vital information which, when read under a microscope, can identify an abducted or injured child. Coordinated through the UMAB Dental School. For more information, please call the hotline, 454-3000.

Child Psychiatry, In-Patient. A small 12-bed unit that brings big help to troubled children between the ages of 6 and 12 suffering from emotional problems such as conduct disorder, attention-deficit hyperactivity disorder, and depression. Admission for about 21 days to a structured program of planned activities, music, and relaxation therapy often helps break the cycle of behavior problems and family reaction.

Available to: As above.

Fees: Depend on treatment.

Information:
Mattie Lowery, R.N.
Nurse Chairman
Child Psychiatry, In-Patient
University Hospital
UMAB
Baltimore, MD 21201
(301) 328-6392

Child And Adolescent Psychiatry, Out-Patient Clinic. A place to bring troubled children and adolescents for diagnosis and treatment on an out-patient basis, or for information and referral to other specialties of the University of Maryland Medical System or elsewhere.

Available to: As above.

Fees: Depend on service.

Information:
Director
Child and Adolescent Psychiatry,
Out-Patient Clinic
University Hospital
UMAB
Baltimore, MD 21201
(301) 328-3522

Children's Dance Classes. New offering begins Spring semester 1988 at UMCP for ages 5-13. Classes on Saturdays only. More information from the Dance Dept., 454-4056.

Children's Developmental Clinic. A special opportunity for children up to age 21 to get help closing gaps in development. Learning problems, physical fitness and coordination problems, brain damage, mental retardation, emotional disturbances or orthopedic handicaps are met through individual attention to motor development, language and reading. A concurrent parent education program is available. Cosponsored by UMCP's College of Physical Education, Recreation and Health and Prince George's Community College.

Available to: As above

Fees: Nominal

Hours: Sat. am, 9 weeks, Fall and Spring.

Information:
Kathy Hinkal, Coordinator
Children's Developmental Clinic
Prince George's Community College
301 Largo Road
Largo, MD 20772-2199
(301) 322-0519

Children's Summer Sports Program. Swimming, tennis, trampolining, body conditioning and skill games are taught by age group in late June and July as a special benefit for UMCP children. This fun-filled program has been offered annually for more than 20 years.

Available to: Sons and daughters of The University of Maryland faculty, staff, and students, ages 6 through 16.

Fees: $100

Information:
Dr. Donald H. Steel, Director
Summer Sports Program
2140 PERH Bldg.
UMCP
College Park, MD 20742
(301) 454-3382

College Courses for High Schoolers. Teens going into their junior or senior year of high school who have a B grade average or better may take certain courses at the University for credit. For more information contact Undergraduate Admissions at any campus and ask about concurrent admission.

Community Basketball Camps. Fundamentals of basketball are taught to boys and girls, ages 9 to 18, during two separate summer sessions at UMBC. Intercamp games and clinics with sports professionals are part of each day. (Sessions held June and July.)

Available to: Anyone, ages 9 to 18.

Fees: $40 per session.

Information:
Billy Jones
Head Basketball Coach
Athletic Dept.
UMBC
Baltimore, MD 21228
(301) 455-2127

Comprehensive Rapid Evaluation Program. A comprehensive, readily available, expeditious assessment program for children and adolescents with emotional, social and educational difficulties. This interdisciplinary service consists of a Psychiatric Evaluation, Psychological Testing, Speech, Language and Educational Assessment. Team integrates the findings and assists families in implementing recommendations.

Available to: Children ages 2-17.

Information:
Vic Fitterman, L.C.S.W.
Finesinger Clinic
The University of Maryland
Professional Building
419 West Redwood Street
Baltimore, MD 21201
(301) 328-6106

Referrals: Alicia Guttman, M.D.
(301) 328-6822

Computer Discovery Camps. Two sessions daily of programming on microcomputers, science experiments, fitness and swimming at UMBC in the Summer.

Offered to children entering grades 4 through 9 in separate versions. Tuition $300 for 12-day camps. Information 455-2335.

Cooperative Extension Service. Wide variety of children's programs. See index.

Day Care, UMCP. See Center for Young Children, this section. For other campuses, call University Relations offices (see index).

Family and Community Development, Dept. of. Under this academic unit are two Centers that serve Maryland families: 1) Family Service Center which offers interpersonal, financial and other kinds of family counseling and 2) the Center for Family, Housing and the Community, a research, training and outreach unit. State agencies dealing with the family may contact the department for consultation, workshops, internship candidates and special summer programs.

Available to: Concerned parties

Fees: Depend on service.

Publications: *Comparative Urban Research*, an international journal, by request.

Information:
Dr. Roger H. Rubin, Acting Chair
Dept. of Family and Community Development
Marie Mount Hall
UMCP
College Park, MD 20742
(301) 454-2142

Family Health Center. Maryland families who are looking for a medical family practice for their health needs in the Baltimore area can call the Family Health Center. Each family has its own doctor who cares for infants, adults and the geriatric population. The Family Health Center is located one block south of the hospital with free adjacent parking. Fees are minimal: $20 per routine visit, $60 for history and physical. Visits are by appointment.

Available to: Anyone

Fees: See above

Hours: M, 8:30am to 7pm; T, Th, F, 8:30am to 4pm; W, 8:30am to noon.

Information:
Office receptionist
between 8am and 4pm
Family Health Center
120 South Greene Street
UMAB
Baltimore, MD 21201
(301) 328-5680

Family Service Center. Help for Maryland families who need counseling for budget management, emotional conflict, parent-child relationships and other family problems. See index.

4-H Youth Programs (CES). Traditional 4-H livestock and dairy programs of the Cooperative Extension Service have been joined by a host of educational, character-building and cost saving programs emphasizing leadership skills, public speaking, microcomputers, the perils of junk food, wardrobe care and pointers, sewing seminars, camping instruction, and babysitting workshops. 4-H'ers who participate in horse and pony projects are exposed to showing competition as well as to horse nutrition and management. 4-H'ers produce thousands of horticulture projects and have received national recognition for their expertise in home gardens, soil science and nursery crops. Adult and teen volunteers are the bedrock of the 4-H program; you are encouraged to call if interested. There's a 4-H program near you. Construction of new state headquarters for Maryland's 40,000 4-H'ers has begun at the intersection of Metzerott Road and University Boulevard on the UMCP campus.

Available to: Children 9 to 19 for 4-H membership; adults and experienced older teens as volunteers.

Fees: Generally FREE

Information:
County offices of The University of Maryland Cooperative Extension Service. (See full listing under Agriculture.)

Home Economics (CES). Families who want to improve the quality of their home life and management of their family resources will find programs available from this arm of the Cooperative Extension Service. Examples: ways to combat rising food prices, home food preservation techniques, family budgeting, clothing alteration, fabric care, furniture refinishing, parent-child communication, estate and retirement planning, and nutrition and health issues. Ask about this program's popular Homemaker Club whose members enjoy such events as "lunch and learn" classes at places of employment.

Available to: Anyone

Fees: None

Information:
County Offices of The University of Maryland Cooperative Extension Service. (See full listing under Agriculture.)

Improvisations Unlimited. Holds special events inviting children to participate in improvised dance. See index.

Institute for Child Study. Here's a source for professional workshops, lectures, consulting and assessment in a wide range of child development, parenting and family needs areas. Available at UMCP or locally in schools, churches, businesses, organizations or government agencies. Choose from the following or ask that a unique subject be custom-developed: building friendships, child assessment, communication skills, conflict resolution, dealing with stress, children's peer resolution and social skills, pre-adolescents and adolescents, and helping families of the mentally ill. The Institute was responsible for the content and script of *Footsteps*, a nationally syndicated TV series on parenting. Its popularity led to the development of programs in parenting which are available to groups or organizations interested in improving parent-child relationships.

Available to: Any interested group.

Fees: Arranged

Publications: Brochure FREE upon request.

Information:
Dr. Robert C. Hardy, Director
Institute for Child Study
College of Education
3304 H.R.W. Benjamin Bldg.
UMCP
College Park, MD 20742
(301) 454-2034

International Language Camp. One week summer day camp at UMBC introduces children to German, Latin, French, Spanish and Russian. Tuition $100 for children entering grades 4-6. Information 455-2335.

In Vitro Fertilization. Would-be parents, the new IVF lab at UMAB gives infertile couples another possibility. The State of Maryland requires medical insurance carriers to cover costs of in vitro fertilization. For information, call UMMS at (301) 328-6776.

"Kiddie Day, UMES." Once a year, usually in December, children aged 6 to 12 are invited to visit the University's Princess Anne campus to "try out" a college setting. Films, arts and crafts, and other activities are planned, and lunch is served. For more information, please call University Relations, 651-2200.

Latchkey Children Programs. Available through Cooperative Extension Service. School-age children with working parents are taught safety, simple snack preparation, first aid, dealing with fears, creative use of leisure time. Contact: Billie Frazier, 454-3604, or your local county extension office (see index).

Bob Wade Basketball School. Kids, learn to dribble, learn to shoot from the Terps' famous head coach, Bob Wade, and his outstanding staff. Besides playing and swimming every day in Cole Field House, you'll eat at the training table and sleep in University dorms.

Available to: Boys, 8 to 18.

Fees: Please call in Spring and request FREE brochure with rates.

Hours: Two separate weeks in the summer. 1988 camp: June 19 to 25 and July 17 to 23.

Information:
Bob Wade Basketball School
Athletic Department
UMCP
College Park, MD 20742
(301) 454-1504

National Youth Sports Program. Here's how boys and girls can be college athletes for the summer—through the National Youth Sports Program, provided they qualify and live in the vicinity of UMES. They'll get sports training, competition and exposure to the benefits of higher education under the instruction of experts. The Program lasts about a month (in 1988 from June 20 to July 27), includes a free lunch and snack plus free bus service. Each day lasts from 10am to 3:30pm. UMES is the host; funding is from the NCAA and the Community Services Administration.

Available to: Boys and girls, ages 10 to 16.

Fees: FREE

Information:
Kirkland J. Hall, Coordinator
National Youth Sports Program
Dept. of Physical Education
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 266

Parent Consultation and Child Evaluation Service. Counseling for children with achievement or behavioral problems. See index.

Parent-Infant Intervention Program. Anyone with a child 0 to 3 years old who has suspected or identified developmental delay in motor, communication, cognitive or feeding skills, is invited to contact this special program. Therapy, counseling, referrals and mutual support are available. (Under the auspices of the Dept. of Pediatrics, School of Medicine.)

Available to: Anyone

Fees: FREE

Information:
Paul Rogers, M.D., Director
Parent-Infant Intervention Program
Walter P. Carter Center
5th Floor
UMAB
630 West Fayette St.
Baltimore, MD 21201
(301) 328-2106

Parents Resource Center. Groups designed to help single working mothers or single fathers, assist with problems of custody mediation, psychological assessment of children with learning, behavior, or emotional problems. See Finesinger Clinic in index.

Parenting Courses. Information available through Cooperative Extension Service. Courses use *Footsteps* film segments produced by The University of Maryland's Institute for Child Study. Topics cover everything from discipline to guidelines for watching television. Discussion materials are provided. Contact: Billie Frazier, 454-3604, or your local county extension office (see index).

Reading Center, The. If Johnny can't read or reads slowly or poorly here's help for both parents and child. The Reading Center offers school age students diagnostic and remedial reading clinics (which also serve to train UMCP graduate students as reading specialists). Seminars are offered to parents which explain reading problems and advise them in ways to help their children. Clinic fees are $40 for diagnosis and $200 for remediation.

Other services of the Reading Center are 1) an annual institute for all Maryland reading personnel, 2) PTA programs, 3) telephone consultation with educators or parents.

Available to: Anyone

Fees: Depend on service.

Publications: FREE brochures and monographs on aspects of reading.

Information:
Robert M. Wilson, Director
The Reading Center
1117 H.R.W. Benjamin Bldg.
College of Education
UMCP
College Park, MD 20742
(301) 454-5136

Reading Center, Towson State University. Offers 45-hour tutorial program for needs of both children and adults. Please see index.

Summer Day Camp. Summer fun for boys and girls and a break for you daily at UMBC for the hottest six weeks of the summer. Day Camp is divided into three 2-week sessions; campers may come for just one or all three. Counselors instruct in arts, crafts, gymnastics, lacrosse, fencing, tennis, badminton, and swimming in UMBC's Olympic-sized pool. Snacks and a camp tee-shirt are provided. Children need their own transportation, lunch, and towel daily.

Available to: Anyone, ages 6 to 12.

Fees: $125 per 2-week session, $375 for all six weeks. Special rate for more than one child.

Information:
Tom Maier, Camp Director
Summer Day Camp
UMBC
Baltimore, MD 21228
(301) 455-2198

Summer Residential Programs. An assortment offered at undergraduate campuses. Sample from UMBC Summer 1988: "The Monies Look Back" and "Science and Technology in the 21st Century," both for students entering grades 11 and 12. Call Continuing Education, 454-2335.

Summer Sports Camps. Children 8 to 18 can polish their skills in a favorite sport at one of UMCP's summer sports camps sponsored by the individual departments, as listed below. Camp typically lasts one week, can be attended as a day or a dorm student.

Available to: Boys and girls, 8 to 18 yrs.

Fees: Vary by camp.

Information:

Basketball	
Men	454-2126
Women	454-5939
Field Hockey	
Women	454-5970
Football	
Men	454-2125
Golf	454-2131
Lacrosse	
Men	454-4328
Women	454-5970
Volleyball	454-7419

Summer Technology Institute. Open to high school students in the summer at UMES through Industrial Education and Technology Dept. See index.

Textiles and Clothing. Everything you want to know about fabrics choosing, constructing, caring for is answered by this unit of the University's Cooperative Extension Service. If you are interested in a homebased clothing business, there are free workshops, classes and information on how to start or how to improve it. Family heirlooms: Here are classes and information on how to conserve quilts, wedding dresses and other priceless old fabrics. Get the best information on caring for your current clothing—laundry and dry cleaning recommendations are offered free. An exhibit on the storage of historic costumes/textiles is available, and slideshow talks may be arranged.

Available to: Anyone

Fees: FREE

Information:
Your county CES agent (see index).
or
Dr. Margaret T. Ordonez
1208 Symons Hall
UMCP
College Park, MD 20742
(301) 454-3603

University Community Concerts. Music Series for Children. See index.

Upward Bound Program. Upward Bound is a pre-college program designed to help underachieving low-income students while still in high school. The aim of this program is to develop the skills and motivation necessary for success in college or other post-secondary education. Instruction, tutoring, counseling, field trips and cultural enrichment are provided during the academic year after school hours and on Saturdays. A summer work experience program (PIC) complements the confidence-building six week summer academic and cultural program.

Available to: High school students, grades 9 to 12, who are eligible academically (potential for successful post-secondary) and financially (low income, or parents not college graduates).

Fees: FREE

Information:
Dr. John Groutt, Director
Upward Bound Program
UMES
Princess Anne, MD 21853
(301) 651-1309

Dr. Jerry L. Lewis, Director
Upward Bound Program
West Education Annex
UMCP
College Park, MD 20742
(301) 454-2116 or 2117

COUNSELING

Camp Tortuga. Counseling for children. See index.

CARE. What parents should know about child sexual abuse: how to prevent it, how to detect it. Information about medical and professional help available through this UMAB organization with a multidisciplinary team of pediatricians, nurses, social workers, and therapists.

Available to: Anyone

Fees: Information FREE; medical or psycho-social evaluation may be covered by health insurance or medical assistance.

Publications: FREE brochure upon request.

Information:
CARE
P.O. Box 202
The University of Maryland Hospital
UMAB
Baltimore, MD 21201
Sarah Stanley, **328-5176**
or
Jacqueline Melonas, **328-6822**

College Park Community Mediation Center. Members of the UM community or the City of College Park are invited to bring in any dispute for free confidential mediation. Trained volunteer mediators help resolve conflicts, usually within a few hours, in a friendly, cooperative, and efficient manner. The slide show "Mediation: The Win-Win Solution" is available for borrowing. The center is jointly sponsored by UMCP and the city.

Available to: As above.

Fees: Free

Publications: Brochure describing service, on request.

Information:
Melissa Henderson, Coordinator
College Park Community Mediation Center
Suite 204, 4511 Knox Road
College Park, MD 20740
(301) 277-5591

Comprehensive Counseling Center. Besides its fundamental purpose of academic advisement and personal counseling for students or prospective students, UMES Counseling Center sponsors films and workshops on important issues such as birth control, rape, etc. which the public may attend.

Available to: Interested parties

Fees: FREE

Information:
Dr. Theodore Henderson, Director
Comprehensive Counseling Center
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 343

Cope-Line. Co-sponsored by Towson State University's Counseling Center and the Maryland State Bar Association, Cope-Line provides recorded information on a variety of topics through a statewide toll-free number. The library of more than 400 tapes addresses issues ranging from drug abuse and career planning to consumer information and legal assistance. The tapes are written by experts in each field, and are continually being updated to provide current information. Cope-Line is housed in TSU's Albert S. Cook Library and is in operation seven days a week.

Available to: Anyone

Fees: FREE

Hours: Monday-Thursday: 8 a.m. to 10 p.m.; Friday: 8 a.m. to 5 p.m.; Saturday: 9 a.m. to 5 p.m.; Sunday: 1 p.m. to 9 p.m.

Publications: Brochure listing current topics, available upon request.

Information:
321-C-O-P-E (local)
1-800-638-8862 (toll-free in Maryland)

Counseling Center, UMBC. Personal counseling and therapy (group and individual), vocational counseling and career exploration. Workshops offered on such topics as stress management, human relations training, social skills development, and career counseling. Consultation available. Small library maintained for counseling staff and career information library for anyone to browse. Dr. Michael Mond, Director.

Available to: UMBC students

Fees: Depend on service.

Publications: Newsletter: *Community*, FREE brochures about services.

Information:
Counseling Center
UMBC
Baltimore, MD 21228
(301) 455-2472

Counseling Center. UMCP students with vocational-educational and/or emotional-social concerns automatically think of the Counseling Center as the place to go for help, and over 4000 of them a year do. Within the Center there are five divisions: Counseling Service; Learning Assistance Service (see index); Disabled Student Services (see index); Testing, Research and Data Processing; and Parent Consultation and Child Evaluation Service (see index), all of which are available in some measure to the public, as well. The Counseling Service provides intake and referral interviews for anyone. For vocational/career counseling and testing services a nominal fee is charged. Check into the Couples Communications Groups or the daily Minority Walk-In Hour.

In addition, the Center offers a variety of special programs in which anyone may participate. Sample titles: Anxiety Reduction Group, Exam Skill Workshop, Grammar Without Tears, Women in Multiple Roles, LSAT Workshops, Returning Students Group, Self Management (Smoking, Weight Loss, etc.), Single Parent Group.

Brown Bag Lunch every Wednesday fall and spring at noon features interesting campus speakers. Please call for a schedule. Counseling occupational library available.

Available to: Anyone

Fees: Usually FREE

Publications: *The Blue Demon*, FREE weekly newsletter upon request. FREE pamphlets and brochures.

Information:
Dr. Vivian S. Boyd
The Counseling Center
Shoemaker Bldg.
UMCP
College Park, MD 20742
(301) 454-2931

Counseling and Personnel Services. This UMCP academic unit which trains specialists in school counseling, rehabilitation, community counseling, school psychology, counseling psychology, and student personnel services has nationally ranked experts in these fields. They are available to guide governmental, corporate, and voluntary agencies in setting up counseling services, to evaluate rehabilitation agencies, to do research and hold workshops on school counseling and school psychology.

Available to: Interested educators and organizations.

Fees: Depend on service.

Information:
Dr. David B. Hershenson, Chair
Counseling and Personnel Services
3214 H.R.W. Benjamin Bldg.
UMCP
College Park, MD 20742
(301) 454-2026

Counseling Psychology Program. UMCP's Counseling Psychology Program, first of all, trains doctoral level counseling psychologists. The by-product is a fascinating menu of counseling and mental health services available to the community. Among these are career counseling, pre-retirement counseling programs, and individual therapy in a research program. Workshops to train career counselors and minority counselors, and evaluations of career counseling programs elsewhere in the state are two other services performed by this program. Speakers on adolescent and adult coping patterns, career decisions, and interpersonal communications skills are available on request.

Available to: Concerned parties

Fees: Usually FREE

Information:
Dr. Bruce Fretz, Director
Counseling Psychology
Zoo-Psych Bldg.
UMCP
College Park, MD 20742
(301) 454-6398

Family Service Center. Disagreements with a spouse over money? A teenager shirking responsibility? Raising children without a partner? UMCP's Family Service Center offers affordable marriage and family therapy with help in such areas as: communication, marital difficulties, concerns with adolescents, school problems, and other adjustments to crisis. The Center is accredited by the American Association for Marriage and Family Therapy. Single parents and step-families are welcome. Groups are also offered. Ask about parking information.

Available to: Families, couples, and single parents.

Fees: $4 to $45 based on family size and yearly income.

Hours: M-F, 9am to 9pm by appointment; Sat. hours by arrangement.

Publications: Brochure, free upon request.

Information:
Dr. Carol Werlinich, Director
Family Service Center
Marie Mount Hall
UMCP
College Park, MD 20742
(301) 454-6180 or 6187

Help Center. Maintains UMCP campus and community crisis hotline; offer TTY, telephone and walk-in counseling. Community workshops are given on rape awareness, death and dying, sexuality, family issues and more. Free pregnancy testing (anonymously), job referrals, drug information. Workshops on topics such as stress management, psychodrama, and AIDS available. Communication and counseling training offered to area hotline volunteers twice a year.

Available to: Anyone

Fees: FREE

Publications: Brochure, FREE upon request.

Hours: Year 'round, day and night.

Information:
Director
HELP Center
3105 South Campus Dining Hall
UMCP
College Park, MD 20742
(301) 454-HELP
TTY 454-4167

Intensive Educational Development. Academic, career and personal counseling for high school seniors and UMCP freshman and sophomores. See index.

Maryland Sexuality Resource Center. Many are relieved to find a professional resource at UMAB for education, counseling, and therapy on issues related to sexuality for individuals, couples and groups. Sample problems: impotence, sexual abuse, relationships.

Available to: Anyone

Fees: Fee for service by UM faculty; medical insurance may apply.

Information:
Dr. S. Michael Plaut, Director
Maryland Sexuality Resource Center
Finesinger Clinic
419 W. Redwood Street
UMAB
Baltimore, MD 21201
(301) 328-6106

Parent Consultation and Child Evaluation Service. Anyone worried about a child aged 5 to 14 with achievement or behavioral problems may find help in the form of individual or group counseling, parent, and family counseling. This UMCP Center can administer intelligence and personality tests, evaluate test results, make recommendations and provide counseling or referrals. Camp Tortuga, a summer day camp, is an outgrowth of this program (see index).

Available to: Anyone

Fees: Nominal

Information:
Robert W. Freeman, Ph.D., Director
Parent Consultation and Child Evaluation Service
Counseling Center
UMCP
College Park, MD 20742
(301) 454-7203

Testing Service. This UMCP unit is a regional testing center for many national testing programs including the CLEP examinations for college credit. Perhaps you've heard that you can arrange to take the National Teacher Examination or the TOEFL (Test of English as a Foreign Language) at UMCP. For scheduled testing or for referral information about any other testing needed, such as SAT or GMAT, call this section of UMCP's Counseling Center.

Available to: Anyone

Fees: Depend on test.

Information:
Dr. William E. Sedlacek
Testing Service (TRDPU)
Counseling Center
Shoemaker Bldg.
UMCP
College Park, MD 20742
(301) 454-3126
for GMAT, **454-5140**

Upward Bound. Pre-college program. See index.

FINANCES

Financial Counseling Service. This free and confidential service provided by trained volunteers assists clients in reaching financial goals through debt reduction and asset accumulation. Counselors work under the supervision of the Cooperative Extension Service faculty through the University of Maryland System.

Available to: Anyone in 19 counties and Baltimore City.

Fees: FREE

Information:
Mary J. Stephenson, Ph.D., CFP
Cooperative Extension Service
Symons Hall
UMCP
College Park, MD 20742
(301) 454-3601

Income Tax Assistance Program. Weekdays before April 15th in a given year, FREE tax assistance is offered by UMES to Maryland residents who want help or wish to learn how to prepare their own tax returns. Program sponsored by the Department of Business and Economics located in Somerset Junior High Building, second floor.

Available to: Anyone

Fees: FREE

Information:
Faith Stevens, C.P.A., Asst. Professor
Dept. of Business and Economics
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 254

Tax Tips. IRS audiocassettes complete with step-by-step instructions for filling out federal income tax returns are available through Nonprint Media Services, 4th Floor, Hornbake Library at UMCP.

Writing Wills. Fact sheets on writing wills and estate planning in Maryland are available as part of the financial planning services offered by the University's Cooperative Extension Service. For a free copy, call 454-3603.

RELIGION

Joseph and Rebecca Meyerhoff Center for Jewish Studies. Endowed in 1980, the Center at UMCP promotes faculty research in all areas of Jewish studies. It sponsors public lectures, organizes conferences and seminars, and publishes a journal on Jewish literary history.

Please contact the Center if interested in participating in the archaeological digs at Caesarea and Yokneam, Israel, or if you are the parents of a student at The University of Maryland and need assistance making arrangements for your child's study in Israel. The Center encourages academic study in Israel through a number of scholarships. The Center offers libraries expertise and encouragement in building their Judaica collections. Annual colloquia series open to the public features presentations by leading scholars.

Available to: Anyone

Fees: FREE

Publications: *Prooftexts: A Journal of Jewish Literary History* is edited at the Center.

Information:
Dr. Alan Mintz, Director
2016 Jimenez Hall
UMCP
College Park, MD 20742
(301) 454-7251

Memorial Chapel. From the Memorial Chapel's bell tower, chimes that play "Maryland, My Maryland," echo over the UMCP campus every hour on the hour. The well-loved brick and white frame landmark is open daily 8:30am for meditation, houses regularly scheduled religious services and bible study groups of all denominations, and is the site of frequent concerts and lectures. The Main Chapel closes at 3pm; the West Chapel and Blessed Sacrament Chapel remain open til 10pm. The building's several chapels may be reserved for weddings and memorial services by individuals.

Available to: Anyone. For reserved use the priority order is campus community, alumni, general public.

Fees: Reservations for weddings: $50 for West Chapel, $100 for Main Chapel; for concerts or lectures, $250.

Information:
Administrative Office
1120 Memorial Chapel
UMCP
College Park, MD 20742
(301) 454-5143

Mitzpeh (The Outlook). Jewish student newsmagazine serving UMCP, published four times a semester, distributed free on campus. Articles and features of Jewish interest, locally and generally. Submission of material is invited.

Available to: Anyone

Fees: FREE on UMCP campus. Call for current off-campus subscription rates.

Information:
Editor
Mitzpeh
3111c South Dining Hall
UMCP
College Park, MD 20742
(301) 454-6411

SENIORS

Adult Day Care. UMCP student interns and volunteers help while they learn in areas of recreation, social work and geriatrics at the University Fellowship Club, an adult day care center located on the edge of the campus. Non-student volunteers are welcomed. A new Advanced Support Group (ASG) for participants in the later stages of Alzheimer's Disease and related disorders is now available. Specialized care and programming is provided.

Available to: Day care to anyone 55 up; volunteer opportunities: anyone.

Fees: Determined on individual basis; financial help available, medicaid accepted.

Hours: M-F, 8:30am to 4:30pm except holidays.

Information:
Dan Rojcewicz
University Fellowship Club
3515 Campus Drive
College Park, MD 20740
(301) 422-7970

Adult Health and Developmental Programs. It's fun-time for older adults on Saturdays at UMCP's Cole Field House. They swim, bowl, square dance, jump on the trampoline, do aerobics, yoga, and individually prescribed exercise, and more with a trained AHDP staffer to squire them around. (Hispanic elders will be paired with a bilingual staffer.) Time is set aside for sharing experiences and discussing problems, as well as for talk about achieving health and well-being. Health education topics include intelligent use of medications, prevention of osteoporosis, and hypertension.

The academic purpose of AHDP is to train professionals in the health aspects of gerontology and to help them develop similar programs for the health and well being of seniors. This training is conducted both on and off campus. (Student volunteers can earn University credit for their help.)

AHDP has conducted workshops around the country in death education and counseling, human sexuality and aging, grief and bereavement, etc. Camp AHDP, a summer camp for seniors, is offered during the Fall and Spring. See next entry. A videotape production about AHDP and Camp AHDP is available for groups at no charge.

Available to: Anyone

Fees: $50 per semester for AHDP membership by older adult; Camp AHDP fee varies.

Information:
Dr. Dan Leviton, Director
Adult Health and Developmental Programs
College of PERH
UMCP
College Park, MD 20742
(301) 454-3295

Camp AHDP. For adults, 50 or older, a chance to get away from it all to the foothills of the Blue Ridge Mountains in Virginia or the shore of an inlet of the Chesapeake Bay in Maryland, and enjoy both leisure activities and health programs. Camp sessions are five days long, and generally are held in May, June and the Fall. The camp is an extension of UMCP's Adult Health and Developmental Programs, above. A descriptive videotape is available to groups at no charge. Ask also for FREE brochure. Fee varies. Information, 454-3295.

Center on Aging. America's population grows older. The University caught the beat in 1974 and established its Center on Aging to encourage research examining the range of issues, problems and potentials of the elderly and to provide on and off campus educational and technical assistance to the practitioners who serve them. Help to state and local agencies is customized to individual needs. The Center is the largest aging-related training provider in the Middle Atlantic region.

For people in the field, the Center offers an annual national conference for adult counselors, a colloquium series, and a summer Institute for Gerontological Practice. Graduates, University-wide, interested in entering the field may earn the Graduate Gerontology Certificate through the Center; this program is the first fully approved graduate certificate program of any kind in the University's history. In addition, both graduate and undergraduate interns may be acquired throughthe Center's Field Placement Internship Program. Exciting new project: helping educate rural pharmacists on latest health, economic and consumer information affecting the elderly. Have complete information on the Center on Aging at your fingertips when you send for the FREE booklet *Aging-Related Activities at The University of Maryland.*

Available to: Anyone

Fees: FREE

Publications: *Generation,* FREE bi-annual newsletter. (Also see above.)

Information:
Dr. Laura Wilson, Director
Center on Aging
2304 PERH Building
UMCP
College Park, MD 20742
(301) 454-5856

Dental Care Program for Senior Citizens. Seniors are offered a reduced fee comprehensive dental treatment program at UMAB's Dental School undergraduate clinic. To qualify for the 50% reduction in regular fees, you must be 62 or over and have a maximum income of $500 per month from Social Security or pension. For full information, please call the patient care coordinator at 328-3830 or the hotline, 454-3000.

Eldercare Committee. Resource information for UMCP community on caring for the aging is available from this committee of the President's Commission on Women's Affairs. For more information, 454-3707 or the hotline 454-3000.

Elder-Ed. Drug education for Seniors. See index.

Elder Health Caregiver Program. Outreach pharmacy program for anyone caring for or about a senior citizen on medication. See index.

Elder Visitation Program. Pharmacy students visit seniors in their homes. See index.

Elderhostel, Frostburg State University. Two one-week sessions filled with educational, recreational and cultural experiences for elder citizens are held during the summer on the FSU campus. The program is designed to combine the best traditions of education and hosteling and to provide new experiences, intellectual stimulation and physical adventure for persons 60 years of age or older. It gives seniors an opportunity to travel to beautiful, scenic Western Maryland and to meet others from across the country. Three mini-courses are offered during each session on a variety of interesting subjects. 1989 will be FSU's eighth year of participation in the program, which includes participation from more than 600 colleges and universities throughout the U.S. and Canada.

Available to: Anyone 60 years of age or older. A companion 50 years or older may accompany a participant who is at least 60 years old.

Fees: Typical charge for a six night program is $225, which includes registration costs, housing accommodations, all meals, five days of classes and a variety of extracurricular activities. Commuters may participate at a reduced rate of $170 per week at FSU, which includes lunch and dinner.

Publications: Elderhostel Catalogue

Information:
Dr. Harold Cordts
Coordinator of Elderhostel
Frostburg State University
Frostburg, MD 21532
(301) 689-4461

Elderhostel, Towson State University. This national program provides a week of specially designed college-level courses for men and women age 60 and over. Participants attend three non-credit, no homework, no test liberal arts courses taught by regular Towson State faculty. The program includes social and cultural activities, including campus concerts, trips to Baltimore's Inner Harbor, theater performances, etc. Elderhostelers live in a Towson State dormitory and eat in a campus dining hall. The two week-long sessions offered each summer attract senior citizens from all over the United States. The national Elderhostel catalog is available in January, with registration beginning in March (by mail) and April (by telephone).

Available to: Any adult age 60 or older.

Fees: $225 per session (1988) includes on-campus lodging and meals, classes, and social and cultural activities.

Publications: Brochure describing TSU's program, available upon request. For National Elderhostel catalog, contact:

Elderhostel
80 Boylston Street
Suite 400
Boston, MA 02116

Information:
Allan Lipsitz
Elderhostel Coordinator
College of Continuing Studies
Administration Building
Room 246
Towson State University
Towson, MD 21204-7097
(301) 321-3694 or (301) 321-2471

Elderhostel, UMES. If you're over 60, consider the potent combination of travel and learning through Elderhostel. People come from around the nation to the several one-week Elderhostel sessions per year at the lovely UMES campus on the Eastern Shore. The curriculum is designed to offer a flavor of the academic strengths of the University and the historical background of the area, including field trips and outings. Information about Elderhostel opportunities from coast to coast is available.

Available to: Anyone over age 60.

Hours: 3 to 4 one week sessions each summer.

Fees: $195 per session includes food and lodging.

Information:
UMES:
Gretchen Powell
Elderhostel Program Coordinator
Office of Continuing Education
Princess Anne, MD 21853
(301) 651-2200, ext. 507

Statewide Elderhostel Information:
Niccola Bojanowski
Assistant Dean
Peabody Institute
Johns Hopkins University
21 E. Mt. Vernon Place
Baltimore, MD 21202
(301) 659-8129

Geriatric Area Health Education Center. The Geriatric AHEC, the first in the United States, is an educational program in geriatrics and gerontology for professionals and UMAB students in Medicine, Nursing, Social Work, Pharmacy, Dentistry, Law and other allied health fields. Interdisciplinary teams provide health services to the elderly and acquaint tomorrow's professionals with the concept of "total care" for this rapidly growing population. Four clinical sites in the Baltimore Metropolitan Area: Waxter Senior Center, Harbor Health Care Center, Baltimore Veterans Administration Medical Center and Fort Howard Veterans Administration Medical Center.

Programs: Besides health services and physical fitness, classes are given in drawing, sewing, Spanish, French, creative writing and public affairs. Employment service matches Baltimore city residents 55 and older with part-time or non-career work. New in January 1988, a weekly free geriatric lecture series for professional caregivers on topics ranging from oral health assessment to medical management of pressure sores—Wednesdays from 4:30 to 5:30.

Available to: As above

Fees: FREE

Information:
Ann Page, Director
Geriatric AHEC
Bressler Research Building
14th Floor
UMAB
655 W. Baltimore Street
Baltimore, MD 21201
(301) 328-5069

Geriatric Services. When an elderly patient, or his or her family member at The University of Maryland Hospital, requires specialized medical care, legal advice, nursing home placement, or counseling, they may request assistance from the Geriatric Consultation Team. This professional team dedicated to the care of older adults is composed of physicians, social workers, and

nurses from UMMS's Department of Family Medicine and Internal Medicine.

Available to: Older adults and their family members.

Fees: Depend on service.

Information:
Geriatric Services
George Taler, M.D.
Debra Wertheimer, M.D.
The University of Maryland Hospital
22 S. Greene Street
UMAB
Baltimore, MD 21201
(301) 328-5680

Golden I.D. Students Association. Open to seniors enrolled in UM Golden I.D. program, the association sponsors educational and social events, publishes course recommendations, provides peer advising, and advises administration on policies of Golden I.D. Student Program. Meets four times annually, plus special activities. See Senior Citizens Golden I.D. Program below.

Available to: As above.

Fees: Free

Information:
Nancy Bruns, Program Coordinator
Golden I.D. Students Association
Room 0119, Hornbake Library
UMCP
College Park, MD 20742
(301) 454-4767

Harbor Health Care Center. A unique facility designed to provide comprehensive outpatient geriatric services for the elderly residents of Baltimore. The range of services includes general medical care, dentistry, podiatry, opthamology, and social work. The Center also provides a Medical House Call Program for those who are homebound due to physical or mental frailty.

Available to: Older adults and disabled persons.

Fees: Minimal

Information:
Alan Adelman, M.D.
Harriet Mendell, L.C.S.W.
James Richardson, M.D.
George Taler, M.D.
George C. Williams, D.D.S.
Harbor Health Care Center
600 Light St., 1st Floor
Baltimore, MD 21230
(301) 659-0900

Institute for Gerontological Practice. People who work with America's elderly as Senior Center personnel, nursing home administrators, senior citizen housing personnel, educators or direct service providers can enhance their professional talents and enjoy a summer stay at the beautiful College Park campus by enrolling in the Senior Center Training Institute. Courses in administration, program planning, and gerontology may be taken individually if desired, or in compliance with curriculum requirements in order to receive a certificate in senior center administration. Courses may be taken on a non-credit basis or for credit, as desired. Students who want a certificate must complete a total of six courses from the three areas taught, as well as a 150 hour field placement between the two summer sessions required. For anyone coming from outside the local area, lodging, meals and recreation are available on the campus located just seven miles from the heart of Washington, D.C. (No previous college experience is required.) Consultation on upgrading of programs is available to Senior Centers and other community services to older adults on request. The Institute for Gerontological Practice is co-managed by UMCP and UMUC.

Available to: Consultation as above.
Training to gerontological practitioners, present or future.

Fees: Undergraduate, graduate, and non-credit, tuition fee varies. Living expenses additional.

Publications: Send for FREE detailed annual brochure with course offerings, calendar, map, general information.

Information:
James Zink, Director
Institute for Gerontological Practice
Center on Aging
2304 PERH Building
UMCP
College Park, MD 20742
(301) 454-5393

Retired Volunteer Service Corps. This program enables retired persons to participate actively in UMCP academic life, enjoying the deep satisfaction of assisting undergraduate students and the University. Service in three major areas is available: tutoring and adjunct teaching in the classroom; academic and career advising; and administrative and program assistance. Volunteers also participate in the valuable Career Mentor

Project for students. Undergraduates interview the Career Mentor volunteers, gleaning career information and insights. Volunteers receive parking permits, free admission to UMCP athletic events, and other campus privileges. Come and join us.

Available to: Retired persons of all ages.

Fees: N/A

Publications: *Gray Matter*, newsletter about retired volunteer activities, on request.

Information:
Nancy Bruns
Coordinator
Retired Volunteer Service Corps
Experiential Learning Programs
0119 Hornbake Library
UMCP
College Park, MD 20742
(301) 454-4767

Senior Citizens Festival. UMES seeks the wisdom of older Americans on the Eastern Shore of Maryland during an annual one day festival where they record their oral histories and share their talents. Seniors are invited to bring their handiwork including quilts, ceramics, art work, knitted and crocheted items, and woodwork to exhibit and sell. The UMES Frederick Douglass Library maintains the living stories in its Oral History Archives and mounts exhibits depicting social, political, economic and religious aspects of Eastern Shore life for the annual event. The festival has been enhanced by a grant from the Maryland Humanities Council, which names it "Milestones and Memories of Senior Citizens on the Lower Eastern Shore of Maryland."

Available to: Anyone

Fees: FREE

Information:
Jessie C. Smith
Director of Library Services
UMES
Princess Anne, MD 21853
(301) 651-2200

Senior Citizens Golden I.D. Program. Seniors, keep growing. Come back to college at The University of Maryland on a golden I.D. courtesy card. If you are 60 years old or older, are a resident of the State of Maryland, and are retired (not engaged in gainful employment for more than 20 hours a week), you're eligible. Since Fall 1982, you are also eligible if you are under 60 and are both retired and disabled as defined by federal law. You may register for credit courses (on a space available basis) as regular or special students in any session, with tuition and most other fees completely waived. There are no academic requirements for admission unless you are seeking a degree. Your Golden Identification Card will entitle you to use of the libraries and other non-academic services, too, when you are enrolled in at least one course. Apply at the Admissions Office on the campus of your choice.

Available to: Senior citizens (see above).

Fees: FREE I.D. card.

Information:
Offices of Admissions
Member Institutions of The University of Maryland System
(in the applicable professional school at UMAB)

For more information or liaison, let us help.
Call the public service hotline...

(301) 454-3000

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CHAPTER NINE

UNIVERSITY SYSTEM UP-CLOSE

FOR AND ABOUT UMS

Campus Newspapers and Radio Stations. See Communications and Media section in Chapter Two.

Child Care. For pre-schoolers of faculty, staff and students at UMCP, see Institute for Child Study. At other UM System campuses, please call University Relations Office of choice (see index).

Displaying Goods on Campus. To find out how to show your products on the UMCP campus or to hang posters or advertisements, call the Office of Campus Activities in the Stamp Union, 454-5605. For similar information about other UM System campuses, please call the specific University Relations office (see index).

Institutional Information. For a quick, easy-to-read overview of the University System, ask for the annual *Profile* brochure. From: Office of University Relations, System Administration, 853-3741. Specific statistical information is maintained at each campus in its Office of Institutional Studies or Institutional Research, and is compiled in the Office of the Vice Chancellor for Policy and Planning, System Administration, 853-3611. Or call the UM System public service hotline, 454-3000.

Institutional Studies, UMCP Office of. For all kinds of statistical information about UMCP how many students? men? women? minorities? home states?—this is the official source. All data on students, faculty, credit hours, salaries are compiled and available as public information.

Available to: Anyone

Fees: FREE

Publications: Newsletter mailed on campus.

Information:
Dr. Marilyn Brown, Director
Office of Institutional Studies
2110 Turner Lab
UMCP
College Park, MD 20742
(301) 454-4512

"Maryland Images" Volunteer Program. Maryland Images is an effort by currently enrolled UMCP students to assist the Office of Undergraduate Admissions in the recruitment of high school seniors to the College Park campus. Maryland Images has three creative ways of making University visitors feel welcome: the Adopt-A-Student program, the High School Outreach program, and Terrapin Tours. Ask for details. Special tours for others by arrangement.

Available to: Interested parties.

Fees: None

Information:
Terry Flannery, Admissions Counselor
North Administration Bldg.
UMCP
College Park, MD 20742
(301) 454-4137

Off-Campus Housing Service. Homeowners, landlords and anyone who is searching for a tenant or a roommate near UMCP may advertise with this service. Listings are displayed on computer printouts which are updated several times a week. For off-campus housing information at other UM System campuses, please call the appropriate University Relations Office (see index). Barbara Jacoby, Director.

Available to: Anyone, for advertising. UMCP students, faculty and staff only for perusal.

Fees: FREE

Information:
Off-Campus Housing Service
Office of Commuter Affairs
1195 Adele H. Stamp Union
UMCP
College Park, MD 20742
(301) 454-3645

Office of Marketing, UMUC. Anything you want to know about programs for part-time students through University College can be found here. Full information about available courses and student services. Interns in advertising, writing, research, public relations, graphic design or marketing would be considered. Consultation on marketing techniques by appointment.

Available to: Anyone

Fees: Depend on service.

Information:
Robert E. Myers, Jr., Director
Office of Marketing
Presidential Towers, Suite 801
UMUC
College Park, MD 20742
(301) 985-7122

Office of Public Service. Created to encourage closer ties between the UM System and the State of Maryland, the Office of Public Service compiles and publishes this directory. The Office is also the liaison for state agencies, industries or citizens who want to tap the resources of the UM System and may do so easily through the public service hotline. For UM System-wide expertise, research, services or information, start here.

Available to: Anyone

Fees: None

Publications: *Toward Closer Ties*, the University of Maryland System public service directory, $6 by mail order. FREE: "Your Partner in Progress," a full color brochure listing UM System resources for business and industry.

Information:
Mary Ann Elliott, Director
Office of Public Service
UMSA
3300 Metzerott Road
Adelphi, MD 20783
(301) 454-3000 (hotline)
(301) 853-3674 (office)

Parents Association, UMCP. If you have a child who is a full-time undergraduate at UMCP, you are an automatic member of this communication link to information about campus services and to your child's college experience. Enjoy the Annual Parents Day, designed to get you in the groove of your child's world. For parents' clubs and connections at other UM System campuses, please call the appropriate University Relations office (see index).

Available to: As above

Fees: FREE

Information:
Leonard Raley
Executive Director
Parents Association
North Wing, The Rossborough Inn
UMCP
College Park, MD 20742
(301) 454-2938

Radio Hotline. Breaking news stories from or about the UM System are at the fingertips of radio stations everywhere. Simply dial the number below to pick up pre-recorded spots, ranging in length from 30 seconds, which cover cutting edge research or are actual expert commentary on national and international news events. Check it out and see how easy it is to use.

Available to: Media or concerned parties.

Fees: FREE

Information:
Anne Moultrie
Director of Media Relations
Radio Hotline
UMSA
3300 Metzerott Road
Adelphi, MD 20783
(301) 853-3739
Radio Hotline: **(301) 779-NEWS**
In-state, toll-free: **1-800-523-RADIO**

Research Information. Available from the graduate school at each appropriate UM System member institution. Or check with public service hotline for specific information about campuses with post-graduate programs, 454-3000.

Tel-UM INFO. Tel-UM INFO is an audiotape library of free information available at UMCP by telephone. Besides answering students' most commonly asked questions, Tel-UM includes such subjects of interest to the general public as how to deal with a variety of personal problems, health information, security facts, transportation ideas, and non-academic activities on the College Park campus. For a complete listing of all subjects for taped listening, send for the FREE Tel-UM INFO brochure. Calls may be made within the state of Maryland TOLLFREE by dialing (800) 492-0703. In the local Washington, D.C. calling area call 454-INFO (4636). Outside state of Maryland call (301) 454-INFO.

Available to: Anyone

Fees: FREE

Hours: M-Sat, 8am to 12 midnight. Sun, 12 noon to 12 midnight.

Information:
Gerry B. Strumpff, Director
Orientation Office
1195 Adele H. Stamp Union
UMCP
College Park, MD 20742
(301) 454-5752

University Connection, The. A series of programs linking UM to Montgomery County residents. If you receive MCPS cable channel 87, tune in for programs on "The Adult Student," "College Survival Skills," "Financing Your Education." Please call 985-7276 for a schedule.

University of Maryland Alumni Association. The more than 200,000 graduates worldwide of The University of Maryland are eligible for membership in Alumni Association International. Benefits are particularly irresistible for those in the National Capital Area: your own borrower's card for University of Maryland libraries, use of athletic and recreational facilities (user fee required), group life and health insurance, special membership rate at The Maryland University Club (see page index), deluxe group travel at special rates, exclusive credit card, and more. Call the number below for a membership benefits listing.

Available to: Anyone for information. For active membership, anyone who has completed a program of study.

Fees: Annual active membership $20 per individual, $30 husband/wife. Special rates for Four-year Active or Life Membership.

Publications: A calendar of events published frequently during the year lists activities, tours, meetings and events for members.

Information:
John J. Ruffino, Associate Director
Office of Alumni Affairs
UMSA
3300 Metzerott Road
Adelphi, MD 20783
(301) 853-3702

The University of Maryland Foundation. If you want to be a benefactor to any member institution or component of the University of Maryland System, even on a small scale, this is its official fundraising arm. You can name the department, program, campus you would like to benefit by your gift of cash, appreciated securities, life insurance, real or personal property, bequests or life income trusts. Through the Foundation, you or your organization can establish a chair or a professorship, a lecture series, name a building or even build one. The Foundation holds, invests, manages, and administers your gifts for the benefit of the University of Maryland System, and increasingly represents the University in other outreach activities, such as creating new partnerships with business and industry and building research parks.

Available to: Anyone

Fees: N/A

Information:
Robert G. Smith, President
The University of Maryland Foundation
UMSA
3300 Metzerott Road
Adelphi, MD 20783
(301) 853-3700

University Relations/Institutional Advancement. Here is the UM System's ultimate public information resource. Stories in newspapers or on radio/TV about the individual colleges/universities or components of the University of Maryland System usually originate in the University Relations offices on each campus. University relations is sometimes called public relations or public information, depending on the campus. The staff of these offices strive to keep you, the people of the state, informed about special events, breakthroughs in

research, program offerings, even human interest items. Among the services they can provide: expertise lists, speakers bureaus (see index), and campus publications. They welcome calls for information—from the media, and from you.

Available to: Anyone

Fees: FREE

Publications: The following mailed upon request:

The Spectrum, Bowie campus newspaper; quarterly faculty staff newsletter.

Newsmagazine, biannual University of Baltimore magazine with news focused on alumni and faculty at the University.

StateLines, weekly Frostburg State University newsletter.

Salisbury State University News, weekly during academic year.

Voice, weekly UMAB newspaper.

Outlook, weekly UMCP newsletter.

The UMES Newsletter, monthly UMES newsletter.

New Dimensions, monthly UMUC newsletter.

Insights, monthly UMBC newsletter.

The Chesapeake Bay Society News, quarterly UMCEES newsletter.

Marine Notes, monthly Sea Grant College newsletter, UMCP.

Information:
Bowie State University - Millree Williams 464-3200
Coppin State College - Charles B. Wright 333-5960
Frostburg State University - Cindy Stacy 689-4161
Salisbury State University - Gains Hawkins 543-6030
Towson State University - Dan McCarthy 321-2230
University of Baltimore - Katie Ryan 333-2910
UMSA - John Lippincott 853-3722
UMAB - Neil McCabe, 328-7820
UMBC - Susanna Craine, 455-2908
UMCP - Roz Hiebert 454-5335
UMES - Frank White 651-2200
UMUC - Lissa Brown 985-7077
UMCES - Colleen Kelly Clark 454-3621
UMCEES - Bill Outhouse 228-9250
UMAES - Colleen Kelly Clark 454-3621

MEETING SITES

Adele H. Stamp Student Union. With 14 conference rooms and two large ballrooms, this UMCP hub invites the local community to schedule meetings, dinners or daytime conferences here as available. No overnight accommodations in the building, but possible at other campus sites. Parking garage next door.

Available to: As above

Fees: Depend on service.

Information:
Marsha Guenzler
Assistant to the Director
2104 Adele H. Stamp Union
UMCP
College Park, MD 20742
(301) 454-2807
or Louise Gower, **454-2809**

Campus Guest Services. This UMCP office provides complete coordination and conference/event planning for summer groups using the extensive College Park campus. Housing, meals, meeting facilities, transportation and pre-registration is neatly handled for groups as large as 6,000.

Available to: Any non-profit and/or educational group meeting.

Fees: Housing, $14-25 night; meals, 3 for under $15/day; meeting rooms, nominal; discounts for large and long-term groups.

Information:
Patrick Perfetto, Director
Campus Guest Services
2108 North Administration Bldg.
UMCP
College Park, MD 20742
(301) 454-8723

Campus Reservations, UMBC. Make reservations for non-class, conference and special event use of UMBC campus facilities such as the University Center, Fieldhouse, Recital Hall, lecture halls, meeting and classrooms. Typical public functions include high school commencements, conferences, association meetings, convocations, educational programs.

Available to: Students, faculty, staff, alumni and community.

Fees: Depend on facility and services.

Information:
Special Event Services
Suite 206, University Center
UMBC
Baltimore, MD 21228
(301) 454-3455

Campus Reservations, UMCP. Make reservations for non-class use of UMCP campus facilities such as the coliseum, the grounds, or certain buildings, through this office. Typical public functions are county public school commencements, non-profit sporting events, student group conferences, University chapel weddings, etc. Dr. James M. Osteen, Director.

Available to: Depend on facility.

Fees: Depend on facility.

Information:
Josephine Lupo, Reservationist
Campus Reservations
1136 Adele H. Stamp Union
UMCP
College Park, MD 20742
(301) 454-4409

Center of Adult Education. Looking for a premiere conference facility without a premium price tag? UMUC's Center of Adult Education fills the bill a modern residential conference center that provides an ideal educational, training, conference or meeting environment. Conference rooms, food, catering and beverage services; lodging, support staff and services; and program expertise are all available under one roof.

For groups as small as 12 or as large as 750 there are a variety of 25 conference, meeting, banquet and dining rooms: an unusually versatile auditorium (375 of its 750 seats have folding arm-tables); catered banquet rooms accommodating 12 to 800 persons; two public eating facilities; 105 overnight guest rooms. (Guest room priority is given to participants in Center programs; University alumni and guests, families of students, faculty and staff are accommodated on a space-available basis. Current daily rates are $50 single, twin beds; $65 double, twin beds; $55 single, queen beds; $70 double, queen beds, plus tax.)

Program participants can spend leisure time using most recreational facilities of the adjacent University of Maryland College Park campus, including a lovely 18-hole championship golf course, as well as sightseeing in the National Capital Area. Lighted parking next to the building is available for more than 500 cars. Joseph V. Bowen, Jr., Director.

Available to: Eligible groups in accordance with UMUC Charter. (For rooms only, see above.)

Fees: Depend on service.

Publications: Brochure describing facility on request.

Hours: 7 days a week, 24 hours a day (front desk, 985-7300).

Information:
Bernina L. McGee
Space Management Office
Center of Adult Education
UMUC
College Park, MD 20742
(301) 985-7303
Room reservations only,
(301) 985-7303

Commuter Affairs, UMBC. Transportation and carpooling information for the Catonsville campus commuter. Also nearby landlords wishing to list vacancies with the campus community may do so through the office's off-campus housing service. For more information, please call 455-2452.

Commuter Affairs, UMCP. Making life easier for anyone coming to the UMCP campus, the Office of Commuter Affairs in the Adele H. Stamp Union has information and brochures on carpooling, transportation alternatives, food and activities, as well as on rental housing near campus, plus a list of 70 apartments giving location, prices, amenities, restrictions, lease terms, etc. Also available: UMaps, a series of six comprehensive guides to academic, vocational, and co-curricular information about UMCP organized by interest area.

Available to: Concerned parties

Fees: FREE

Publications: As above

Information:
Barbara Jacoby, Director
Office of Commuter Affairs
1195 Adele H. Stamp Union
UMCP
College Park, MD 20742
(301) 454-5274

Commuter Information. For commuter information, maps, and referral to all UM System campuses not listed in this section, please call the hotline, 454-3000, or the University Relations office of the appropriate campus (see index).

Conference and Dining Facilities, UMES. The University of Maryland Eastern Shore is pleased to extend use of its facilities to civic and cultural organizations, professional associations, and extension groups for conferences, workshops and meetings. Besides the 1200-seat Ella Fitzgerald Center for the Performing Arts,

UMES has three auditoriums in the 200 seat range and numerous conference rooms. During the summer months, air-conditioned UMES dormitories frequently are available to house large or small groups of participants. Conference-goers often benefit from the professional practice work of students in UMES's celebrated Hotel and Restaurant Management School (see Hospitality House below). The dining service in Waters Hall can accommodate small and large groups of up to 350 persons for breakfast, lunch and dinner or banquet setting at nominal fees when pre-arranged. Snacks and soft drinks can be purchased from vending machines in the Student Development Center and in the dormitories. Several charming restaurants and dining rooms can be discovered in historic Princess Anne, less than 1/2 mile away. Allegheny Airlines operates connecting flights daily to and from Salisbury (15 minutes from UMES), Baltimore and Washington, D.C. Trailways and Greyhound Bus Lines serve Princess Anne daily.

Available to: Interested groups

Fees: Depend on service.

Information:
Office of Development/Alumni Affairs
UMES
Princes Anne, MD 21853
(301) 651-2200, ext. 206

Donaldson Brown Center. The University of Maryland's system-wide headquarters for student retreats and small conference groups is a magnificent mansion atop a sheer rock cliff overlooking the Susquehanna River. The 20 acre estate, including a greenhouse and a stable, were a gift to the University in 1966 from industrialist Donaldson Brown and are to be used for intellectual pursuits. For information on the numerous recreational facilities, accommodations, meals, linen service, etc., call the contact number below. Reservations are on a first-call basis after University needs are served. The mansion can sleep 30 guests, and the "Tack House" accommodates 22 dormitory-style.

Available to: Any group whose purpose is education.

Fees: $83 per day per person (including lodging, three meals, meeting rooms and coffee).

Information:
Henry W. Mason, Manager
Donaldson Brown Center
200 Mt. Ararat Farm Road
Port Deposit, MD 21904
(301) 378-2555

Executive Conference Center, Shady Grove Academic Center. In the planning stages: a 100,000 square foot facility with 100 lodging rooms, 20,000 square feet of conference space, and 22,250 square feet of administrative space located at the University of Maryland Academic Center in Montgomery County. The Conference Center will be sited around a small lake and will include hotel rooms, class rooms, a reception area and lobby, food service, and tennis courts. Groundbreaking is slated for late 1989. Designed to bring additional University of Maryland resources to the citizens of Montgomery County, the Academic Center complex is located on 50 acres (within the County's Life Sciences Center) between Rockville and Gaithersburg on Shady Grove Road. The first building on the Academic Center property, the Center for Advanced Research in Biotechnology (see index), will open in late 1988. The Shady Grove Academic Center is being developed by the University of Maryland Foundation.

Available to: Interested groups and organizations with an educational purpose.

Fees: Depend on service.

Information:
Frank Collins
Vice President for Real Estate
The University of Maryland Foundation
UMSA
Adelphi, MD 20783
(301) 853-3731

Hidden Waters, The France Center. Family residence of the UMAB President, the magnificent Georgian mansion Hidden Waters was built in 1936 and given to the UM Foundation in 1981. The former home of 1903 School of Law graduate, prominent attorney, and Baltimore banker Jacob France and his family, Hidden Waters' elegant first floor rooms and formal boxwood gardens provide a gracious setting for campus and community events.

Available to: As above.

Fees: Depend on service.

Publications: Illustrated brochure with map on request.

Information:
Institutional Advancement
University Relations
3rd Floor, Lombard Bldg.
UMAB
Baltimore, MD 21201
(301) 328-7820

Hospitality House. This two-building complex on the UMES campus contains hotel and conference facilities for groups up to 75 people. Residents and guests can enjoy the use of the University's athletic facilities,

including an indoor swimming pool, weight room, handball and tennis courts. The surrounding Somerset County entices with historic estates, landmark churches, skipjacks, ferryboats, museums and a seafood paradise. Hospitality House is operated by the Department of Hotel and Restaurant Management as a laboratory for students on a year round basis.

Available to: Anyone, priority given to University community.

Fees: Hotel rooms $12 single, $18 double.

Information:
Richard Gormley, Chair
Dept. of Hotel and Restaurant Management
UMES
Princess Anne, MD 21853
(301) 651-2200, ext. 698

Maryland University Club (The Rossborough Inn). Lafayette dined here, and so did General Burnside during the Civil War. Built in 1787 as one of the few inns serving the road north out of the nation's capital, The Rossborough Inn has the distinction of being the oldest building on the UMCP campus and one of the oldest in the state. The historic facility is now The Maryland University Club, dining and social center for UMCP faculty, alumni, staff and their guests. Rooms may be reserved by members for luncheon or for social functions without charge. The brick inn with tasteful colonial decor may be rented by non-University people on an as-available basis for breakfasts, buffets, luncheons, banquets, wedding receptions and garden parties (weather permitting), with all catering provided. Prices and menus upon request. Members receive special discounts and parking.

Available to: Anyone

Fees: Membership dues faculty, staff, alumni, $40 yr. Menu prices for non-members. Rental fees and catering guide available to public upon request.

Hours: M-F, 11:00am to 2pm for lunch. F, only 4:30pm to 7pm for happy hour.

Information:
Randi Dutch, Manager
The Rossborough Inn
UMCP
College Park, MD 20742
(301) 454-3940

Poe's Publick House. University of Baltimore's attractively designed dining/conference complex, located in the lower level of the Law Center, is available for lectures, conferences, special breakfast meetings, luncheons, and dinners, banquets, and even wedding receiptions. The three conference rooms can individually seat 40 theatre-style or, without the dividers, up to 150. Combined, the dining room and conference room can accommodate up to 250 for a sit-down dinner. The Raven's Roost, the student pub with its unique design (painted ravens on the walls and soft sculpture characters from Poe's short stories perched on the rafters), may also be reserved for small meetings or parties.

Available to: Students, faculty, staff, alumni and the general community.

Fees: Depend on facility and services.

Information:
Bill Ganz, Director
Poe's Publick House
University of Baltimore
1420 North Charles Street
Baltimore, MD 21201
(301) 625-3300

Student Union, UMAB. In the heart of Baltimore City, seven meeting rooms for groups as small as 15 or as large as 100.

Available to: Both campus and community.

Fees: Depend on service.

Information:
Kay McMullen
Meeting Room Facilities
Student Union
UMAB
621 W. Lombard Street
Baltimore, MD 21201
(301) 328-7766

Summer Conference and Housing Accommodations, UMCP. During the summer months, accommodations in the UMCP campus residence halls are available to the following groups and individuals:

1. Non-profit or secondary school youth groups visiting area in pursuit of educational goals.
2. Workshop, institute or conference participants and individuals in conjunction with or sponsored by a UM System academic department or agency, faculty or administrator of another university, or state or federal government agency sponsoring an educational program.
3. Official visitors to the UMCP campus.

4. The University of Maryland alumni or present students and parents.

5. Students participating in internships or experiential learning experiences.

Patrick C. Perfetto, Director.

Available to: As above

Fees: Vary according to length of stay, accommodations. Range for Summer 1988: $14 to $25.

Dates: Late May through mid-August.

Information:
Campus Guest Services
2108 N. Administration Bldg.
UMCP
College Park, MD 20742
(301) 454-8723

University Center. Modern conference facilities at the UMBC Catonsville Campus. See index.

University Club, Towson State University. This dining facility is located in the historic Auburn House on the campus of Towson State University. The University Club provides luncheon and dinner in its ground-floor dining room, and a selection of sandwiches and lighter fare in the Rathskeller downstairs. Club facilities and staff are available to members for graduation parties, rehearsal dinners, wedding receptions and other festive events.

Available to: Anyone

Fees: $25 per year (1988).

Hours: May vary with the season and menu options. Visitors should telephone to confirm hours of operation.

Information:
The University Club of Towson
7500 Osler Drive
Towson, MD 21204-7097
(301) 321-7600

University Club, UM System. This major new private club, occupying an entire floor at 419 W. Redwood Street in Baltimore, provides the University community with another bridge to the business and political communities. Magnificently renovated and furnished, the Club is 10,000 square feet of space which includes a dining room, a lounge, a library and various meeting and banquet rooms. The bar is an actual panelled drawing room taken from a turn-of-the-century Baltimore building. From the windows: a view of a small green pocket park that tops the University's largest underground parking lot—well-lighted, guarded, and just across the street. The Club is within a ten-minute walk of the Inner Harbor, near the world-famous Lexington Market, concert halls and theatres. Sample special events, Spring 1988: Friday the 13th Costume Dinner Dance, Beer Tasting Extravaganza, Seafood Buffet, Lobster Night, Member Appreciation Night Buffet, and Comedy Club. Members receive reciprocal privileges at 70 other University Clubs throughout North America.

Available to: Anyone paying membership dues and fees who is also a UM alumnus or on faculty or staff at a UM System institution.

Fees: Standard and Non-Resident: Initiation fee $175; annual dues, $50. Grad students in final year/first year alumnus: Initiation fee $100; no annual dues for first year.

Publications: "THE VIEW—from The University Club," bi-monthly newsletter and calendar.

Hours: Bar and dining, M-F 11:30am to 7pm. Banquets by arrangement.

Information:
Neil McCabe, Vice President
The University Club
419 West Redwood Street
Baltimore, MD 21201
(301) 328-2582
Club Desk: **(301) 328-CLUB**

Westminster Hall. One of the most unique conference or party sites in Baltimore, Westminster Hall is the elegantly renovated former Westminster Church and historic burying ground of Edgar Allen Poe (see Museums). The former sanctuary is now a full-sized modern meeting or reception hall, framed by the original stone walls and tall stained glass windows. A large kitchen is also available. Ask about having the excellent slide tape show of Westminster Church's life and times shown for your group. Tours of the catacombs and crypts by arrangement. Tours of the Cemetary, June thru November on the first and third Friday and Saturday of each month. Reservations required. Tours at 6:30pm Friday and 10am Saturday.

Available to: Anyone

Fees: Please call for rates.

Information:
Mary Jo Rodney
Office of the Dean
School of Law
UMAB
500 W. Baltimore St.
Baltimore, MD 21201
(301) 328-2072 or 2070

Wye Plantation. The historic 1,400 acre Wye Plantation just a few miles east of the Bay Bridge was originally the home of William Paca, signer of the Declaration of Independence and Governor of Maryland. In special cooperation with the Aspen Institute for Humanistic Studies, the University of Maryland System and affiliated groups may schedule conferences at two unique Wye sites when not occupied by Aspen Institute programs.

The Manor House: A gracious Georgian mansion overlooking magnificent 18th century English terraced gardens and bordered on every side by rolling pastures. 23 beautifully appointed bedrooms available, each with private bath, private telephone, a/c and study area. Elegant dining room seats 48 year round.

Wye Woods: A rustic-modern complex of cedar and brick secluded in a beautiful wooded setting on the tranquil Wye River. 26 bedrooms, each with private bath, private telephone, a/c and study area. Main dining room has large fireplace, seats 125; auxiliary dining room seats 40.

Recreational and leisure activities numerous.

Available to: The University of Maryland System and affiliated groups.

Fees: Write or call for rates and reservations.

Information:
Thomas Spann
P.O. Box 222
Queenstown, MD 21658
(301) 827-7168

SPECIAL FOOD

Eating on Campus. For information about places to eat on campuses of the University of Maryland System member institutions, please see "Getting to Know Us" in the front of this directory, the "Meeting Sites" section above, or call the hotline, 454-3000.

Maryland Food Co-Op. A student-run food co-op with open membership sells nutritious sandwiches, lunch and snack items as well as groceries. Savings can be realized by buying in bulk quantities or by volunteering anytime.

Available to: Anyone

Fees: Prices by item or bulk.

Hours: M, 8am to 6pm; T-F, 8am to 9:30pm; Sat, 11am to 7pm; Sun, noon to 3pm.

Information:
Food Co-Op
B203 Adele H. Stamp Union
UMCP
College Park, MD 20742
(301) 454-5868

"The Dairy." On any warm afternoon people sit along UMCP's low brick campus wall eating luscious ice cream cones. The ice cream plant and the Dairy Sales Room are located in the Turner Building on US 1, and are operated by the Department of Animal Sciences. The ice cream is reputed to be one of the richest and most delicious in the National Capital Area and has been awarded First Place for "Best Vanilla Ice Cream" by the *Washingtonian* magazine. Flavors include old favorites Chocolate, Vanilla, Strawberry, Butter Pecan, Toasted Almond, plus specialty flavors. The ice cream is pre-packed in 1/2 gallons for $3.25 or three gallon containers for $20. On the spot consumers can enjoy a cup or a cone for 75 cents a scoop. Milk shakes, banana splits and sundaes are also available.

During the week breakfast is served 8am to 11am: a choice of bagels; french toast; sausage, egg and cheese on croissant; blueberry pancakes; and more. Quick lunch choices after 11am: a variety of cold sandwiches and salads; chili dogs; meatball subs; BBQ; taco salad; soup; beverages; and snacks. Mary Barber, Manager, 454-4521.

Available to: Anyone

Fees: By item

Hours: April-December, M-F, 8am to 6pm; January-March, 8am to 5pm.

Information:
Dairy Sales Room
100 Turner Building
UMCP
College Park, MD 20742
(301) 454-4521

BOOKS AND MEMENTOS

UMAB/Barnes and Noble Bookstore. Located in the Baltimore Student Union. Offers an extensive reference department and will special order any item not in stock. Review and reference titles in addition to course-required books are available in all six UMAB curricula. Carries a recently expanded selection of gifts, greeting cards, and school supplies, as well as sundries, popular fiction, posters, medical equipment, UM System and UMAB clothing.

Available to: Anyone

Fees: By item

Hours: M-F, 8:30am to 5pm; Sat, 10am to 2pm.

Information:
Manager
Barnes and Noble Bookstore
UMAB
621 W. Lombard Street
Baltimore, MD 21201
(301) 328-7788

UMAB/The University of Maryland Medical System/Hospital Gift Shop. Has unusual gift items for all ages, home decorations, and a 24-hour fresh flower machine. Store operated by the Auxiliary.

Available to: Anyone

Fees: By item

Hours: M-F, 8am to 8pm; Sat, noon to 6pm; Sun, noon to 4pm.

Information:
Manager
UMMS/Hospital Gift Shop
UMAB
22 S. Greene Street
Baltimore, MD 21201
(301) 328-6525

UMBC/The University of Maryland Bookstore. Located in the new UMBC University Center, the Bookstore offers one of the finest selections of academic related, technical reference, scientific, and computer related selections of reading material in the Baltimore metropolitan area. Book special orders are welcomed, and a search service for rare or out-of-print titles is provided, both at no charge. All books on *The New York Times* best seller list are discounted, 30% off on hardcover, 15% on paperbacks. Other goods and services of the bookstore include: school rings, University of Maryland clothing and giftware, newspaper and magazine subscriptions, notary public, money orders, typewriter/refrigerator rental, buying and selling used textbooks , and film developing. The YUM Shoppe convenience area in the store offers snack foods, bakery, beverages, toiletries and tobacco products. The Bookstore provides Rapid Copy Service for large volume photocopying, velo binding for reports and manuals, and both coin operated and CopiCard copying for individual copy work.

Available to: Anyone

Fees: Depend on item or service.

Hours: Fall and Spring semesters: M-Th, 8:40am to 7pm; F, 8:40am to 4pm. All other times: M-F, 8:40am to 4pm.

Information:
Stan Jacobs, Director
University of Maryland Bookstore/UMBC
University Center
UMBC
Baltimore, MD 21228
(301) 455-2993

UMCP, UMUC/University Book Center. The big downstairs shopping place on the Stamp Student Union lower level east is named the University Book Center but sells student necessities from dance tights to convenience foods. Besides text books, general books, and a new expanded technical/reference sections, you'll find everything for the loyal Terrapin fan, from TERPS buttons to sweat suits, plus school supplies, film, cosmetics, candy, greeting cards, stationery and cards, stuffed animals, and convenience items (canned and frozen foods, milk, juice and snacks.) Convenient to banking, post office, copying machines, restaurants and other services in the hub-of-the-campus Stamp Student

Union. New at the University Book Center: an "attic search" service for out-of-print books.

Available to: Anyone

Fees: By item

Information:
Paul J. Maloni, Director
University Book Center
Adele H. Stamp Student Union
UMCP
College Park, MD 20742
(301) 454-6944

UMES/Barnes & Noble Bookstore. This modern facility in the UMES Student Development Center (lower floor lobby) carries a good selection of snack foods, toiletries, film and personal care products as well as required school texts and supplies. The Bookstore also stocks such popular items as Greek and UMES wearing apparel, college rings, stationery, posters, and small gift ideas. Budding scientists will also find dissection kits and other paraphernalia for laboratory work.

Available to: Anyone

Fees: By item

Hours: M-T, 9am to 7pm; W-TH, 9am to 5pm; F, 9am to 4:30pm; closed weekends and University holidays. Summer hours: M-F, 9am to 5pm.

Information:
Jessica Cottman
University Book Center
102 Student Development Center
UMES
Princess Anne, MD 21853
(301) 651-3555

UM System Bookstores. For information about UM System book and student supply stores not listed in this section, please check "Getting To Know Us" in the front of the directory, or call the University Relations office at the campus of choice (see index).

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University of Maryland College Park	1856
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Towson State University	1865
University of Maryland Eastern Shore	1886
Frostburg State University	1898
Coppin State College	1900
University of Baltimore	1925
Salisbury State University	1925
University of Maryland University College	1947
University of Maryland Baltimore County	1966
Agricultural Experiment Station	1888
Cooperative Extension Service	1914
Center for Environmental and Estuarine Studies	1973
Maryland Biotechnology Institute	1985

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